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Aslib Services and Activities

ASLIB

PAST, PRESENT, AND FUTURE

FOR thirty-five years Aslib has been the acknowledged focus of special library activities and of the study of information services in the United Kingdom. Its member organizations, whether they be industrial and commercial firms, universities, Government departments, research establishments, learned societies, technical and professional institutions, or public libraries with special interests, are united in a common purpose: to ensure that, through the study of the techniques of recording, organizing, and communicating specialized information, the accumulated knowledge of mankind can be mobilized and put to use. By means of day-to-day co-operation between its members and information services of various kinds provided by its headquarters staff, Aslib gives practical expression to this ideal.

HISTORICAL

Founded in 1924 as the Association of Special Libraries and Information Bureaux, the organization took as its objective 'the co-ordination and systematic use of sources of knowledge and information in all public affairs, in industry and commerce, and in all the arts and sciences'. Under the same title it was incorporated in 1926 as a company limited by guarantee, and in 1949 it combined with the British Society for International Bibliography to form a new organization with the registered title of Aslib. Inactivity has never been a characteristic of Aslib. In 1925, and again in 1958, it gave evidence before the two Government inquiries into the country's public library services. In 1928, helped by a grant from the Carnegie Trust, it compiled and published a guide to sources of specialized information in Great Britain and Ireland; this directory, which rapidly became a standard reference work, was the forerunner of the new *Aslib Directory* issued in 1958. The 1925 Committee on Patent Law Reform, the development of the National Central Library, and the preservation of scientific periodicals from the salvage drive of the second world war can all be traced, in part, to Aslib's activities. The importance of the organization's wartime work—including a microfilming service, which helped to overcome the scarcity of foreign technical information, and a location index to European journals in this country—was recognized in 1944 when the British Government decided to support Aslib by means of annual and special grants to be administered by H.M. Department of Scientific and Industrial Research. This assistance, together with an extensive development programme for new services and activities, has led to rapid growth and to the acknowledgment, nationally and internationally, of Aslib's authority on information work.

SERVICES

In general, Aslib's services are available only to members of the Association.

Information Service

Inquiries may be made for information on any subject. Typical of the wide range of matters on which Aslib's help is sought is this list:

References on the anærobic bacterial corrosion of iron and steel.
Details of incentive schemes for lorry drivers.
A list of fashion journals published throughout the world.
Names of manufacturers of machines for making paper clips.
Literature on the Croning process.
Sources of information on early American film stars.
Details of the Portuguese standard method for the determination of saponification values.

On subjects such as these Aslib is not itself an authority, but its knowledge of the myriad sources of information available is comprehensive and it is able either to secure the required information or to indicate the appropriate source from which it can be obtained. In many cases this information is contained in journals or reports of various kinds and, almost invariably, Aslib can arrange for these to be borrowed.

Aslib Library

On one group of subjects, information service and special librarianship, Aslib is itself an authoritative source of information. Its own library is a comprehensive and expanding collection of material on indexing and classification, costs of information services, training facilities for information workers, special library equipment and so on. Most items can be borrowed, all can be consulted on the premises and inquiries can be made on all matters covered by the library stock.

Some typical inquiries are:

What is the most satisfactory method of duplicating catalogue cards in small quantities?
What progress has been made in the selection of information by mechanical methods?
On what should choice of classification system be based?
What is the most efficient method of duplicating information bulletins?

More than 300 different periodicals devoted to special library and information work are received regularly from all parts of the world, and important articles are listed in *Aslib Proceedings* and abstracted in the *Journal of Documentation* to help members keep abreast of current ideas and new techniques.

The library exists also to test and demonstrate selected library processes and equipment. The qualifications of members of the Aslib panel of specialist translators, for example, are coded on Brisch-Vistem punched cards, and exhibitions have been held of methods of protecting and storing unbound periodicals and of photocopying machines suited to work in special libraries.

Consultant Service

Authoritative and up-to-date advice can be given on all matters affecting the establishment and conduct of an information service or library. These include accommodation, staffing and equipment, the provision of services, departmental costs, techniques, sources of information and so on. For an organization starting its own library comprehensive plans can be drawn up and their implementation supervised. As with most undertakings, it is wise to start on the right lines, and the consultant service is intended to ensure this.

Research Department

A research department, established in 1959, provides a focal centre for research in Aslib's field in the United Kingdom. The department's programme includes investigations of practical problems arising from the day-to-day work of members, and of wider problems created by the growth in the volume of specialized knowledge and in the complexity of the problems involved in communicating and recording it. A survey of the information and library units of industrial and commercial organizations has provided basic semi-quantitative data on the present position in that area. Investigations have also covered the comparative efficiencies of four indexing systems, the costs of interlibrary borrowing, and the provision of author and subject indexes in published reports of congresses.

Aslib Publications

To assist information officers and others in their duties Aslib issues four serial publications and a number of manuals, directories, and other types of publication. The serials are:

Aslib book list, a monthly list of recent scientific and technical books in English which have been recommended by subject specialists.

Aslib proceedings, a monthly containing the more important papers read at Aslib meetings, and news of Aslib activities and plans.

Journal of documentation, a quarterly devoted to the techniques of recording, organizing, and disseminating specialized information.

Index to theses accepted for higher degrees in the universities of Great Britain and Ireland, an annual classified list based on information supplied by the universities themselves.

All monthly and quarterly publications are issued free to corporate members; individuals may select according to their subscription rate. In addition, members of all categories may buy at preferential rates Aslib's non-periodical publications. These include the *Handbook of special librarianship and information work,* the *Aslib directory: a guide to sources of information in Great Britain and Ireland, The treatment of special material in libraries, Periodicals and serials: their treatment in special libraries* and other aids to information work. A comprehensive list appears elsewhere in this book.

Locating Service

Aslib has at its disposal extensive resources for checking bibliographical references and locating copies of journals, reports, pamphlets, books, and other

material which members may wish to borrow, and the specialist organizations which subscribe to Aslib are nearly all willing to lend material to other members. Between them they cover virtually the whole field of human knowledge.

Photocopying Service

This service is unique in that it includes location of a copy of the published material which it is desired to copy, and also deals with the question of copyright in addition to providing a copy on paper or on microfilm. A charge is made for this service.

Index to Unpublished Translations

Before committing themselves to the work and expense of having a foreign scientific or technical article translated into English, members are free to ascertain from this index whether a translation is known to be already available for loan or purchase. Details of translations, completed or in prospect, are notified to Aslib by research organizations, Government departments, and other establishments in the United Kingdom and the principal countries of the Commonwealth. As with most of Aslib's services, this index can be consulted by telephone in order to save time.

Register of Specialist Translators

Should a translation of any article not be recorded in the index already mentioned it is usually possible for Aslib to recommend a suitable translator from its register. About 200 translators are registered, and both their linguistic ability and knowledge of their subject have been carefully investigated. All the principal foreign languages and almost all scientific and technical subjects are covered.

Register of Specialist Indexers

This register is organized on similar lines to the register of translators. Its purpose is to provide the services of indexers for part-time *ad hoc* jobs, e.g. the compilation of an index to a book before publication, for which specialized knowledge of indexing techniques is necessary.

Staff Employment Register

Under licence issued by the LCC, a register is maintained of vacant posts in special libraries and information departments and of candidates seeking employment. Members wishing to engage staff may apply to Aslib, and the names of candidates offering suitable qualifications will be submitted for consideration. Members are also permitted to advertise vacancies at a nominal charge in *Aslib proceedings*.

Staff Training

Aslib does not itself organize full-length training courses for information workers but it keeps a watching brief on the courses provided by polytechnics and other institutions and, when necessary, offers its views and advice on the training needs of members. Short introductory courses for new-comers to information work and refresher courses for more experienced staff are, however, arranged from time to time. In addition, frequent courses of lectures are held

on selected topics of special interest, such as Russian and other east European scientific literature, patents as sources of information, literature searching, and the preparation of information bulletins.

Conferences and Meetings

The discussion of papers by experts and the informal interchange of ideas with colleagues play an important part in the efficiency of staff. To encourage this form of self-education Aslib organizes throughout each year conferences and meetings on matters of professional interest. There is an annual conference which is usually residential so that individual meetings with colleagues can easily be arranged. Other short conferences on specific subjects are arranged from time to time and, in London, a series of meetings on subjects of broad interest to members is held between September and April. At all meetings members are encouraged to take part in the discussions which follow the reading of papers.

Branches and Groups

Many members find it difficult to come regularly to meetings in London and others can find time only for their specialized interests. To assist both types of member a system of provincial branches and of subject groups has been established. Branches exist in Scotland, the North of England, and the Midlands and there are groups covering aeronautics, chemical industry, economics, electronics, engineering, film production librarianship, fuel and power, furniture, and textiles. Not only do the branches and groups arrange meetings on subjects of particular interest to their members, they also undertake co-operative projects of practical value. Their activities thus have a twofold benefit.

International Relations

Through its direct contacts with other organizations in all parts of the world, and as the British representative body in the International Federation for Documentation, Aslib is able to keep its members informed of foreign trends and developments in information work and also to tap, on their behalf, foreign sources of information which might otherwise remain unknown to them. It is also able on occasion to arrange short exchanges between British and foreign librarians to help them gain wider experience.

FUTURE PLANS

Aslib is still developing in response to the demands of members and to the country's need for exploiting to the full its immeasurable resources in specialized knowledge. The study of the means whereby this latter objective can be achieved through special libraries and information services is Aslib's special responsibility. Aslib has never been slow to champion the interests of its members throughout the country. Nor has it played less than its full part in supporting all measures to promote the unrestricted interchange of published information. For knowledge, to be useful, must be made to flow wherever it can be put to work. In that lies Aslib's past, present, and future.

The Work of Aslib

1959

ANNUAL REPORT

REPORT OF THE COUNCIL for the year ended 31st December 1959, presented at the Annual General Meeting, 1960.

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A. INTRODUCTION

The year, the first complete one in the new headquarters in Belgrave Square, London, provided ample evidence of the wisdom of the Council's choice of premises. Experience has shown that not only does the building provide, for the first time in Aslib's history, satisfactory conditions for staff and committee work and for many of Aslib's established activities at a reasonable annual cost, but also that it should permit a certain flexibility of organization as future development plans take shape. The new research department was in operation almost from the beginning of the year, and a small number of minor investigations were carried out while a programme for the ensuing five years was being planned. Aslib's short courses were again well attended, with applications often considerably in excess of the places available, and the number of persons participating in conferences and meetings was encouragingly high. In spite of acute difficulties caused by a printing dispute the publications programme was completed, though with some delays. For the first time in ten years, subscription

rates were increased and the response from members was most satisfactory. The increased income from this source, together with the higher rate of Government grant which came into effect at the beginning of the year, gave promise that the financial stability which Aslib has enjoyed for the past ten years should continue.

B. FINANCE

As 1959 was the first complete year in the new premises, it is natural that the Council should have had some anxieties as to the cost of running and maintaining the new building. With the increased expenditure in mind, as well as the need to step up subscription income in order to earn the new rates of Government grant applicable to the present quinquennium, subscription rates were increased from the beginning of the year. The basic annual rate for profit-making concerns became 15 guineas and that for non-profit-making organizations 6 guineas, while rates for individual members were upgraded slightly. In consequence, subscription income increased from £16,525 in 1958 to £22,087 in 1959, grant-earning income rising from £13,959 to £18,459. This represents a most satisfactory response from members and should assist the Council to plan further development of Aslib with every confidence. Under the terms of grant, this level of subscription income attracted grant of £15,400 compared with £7000 in the previous year. The surplus of income over expenditure was just over £8000. This is somewhat larger than usual, but the improved terms of grant were given partly to assist Aslib to establish a Research Department and develop a research programme, and the margin of income over expenditure will permit some desirable acceleration in the rate of development of research activities. There is also a pressing need to build up a reserve fund of adequate proportions.

It will be seen from the income and expenditure account that the cost of staff salaries rose from £17,499 to £22,032. This was caused partly by normal increments and partly by the recruitment of staff for the new Research Department, but also by the institution of new salary scales referred to elsewhere in this report.

As a result of the re-rating of the property as offices, rates increased to £782—a large sum for an institution to find every year, but not unreasonable for such a substantial property in a highly valued part of London.

The cost of lighting and heating the premises at £604 was below the anticipated level, as was the cost of cleaning at £646.

Expenditure of £1509 on travelling showed a substantial increase over the previous year. This is accounted for partly by a goodwill visit by the Director to Canada and the USA, partly by the greater cost of participation in the conference of the International Federation for Documentation which was held in Warsaw, and partly by increased expenditure on the attendance of members at committee meetings.

C. MEMBERSHIP

In spite of the substantial increase in membership subscription rates—made inevitable by the rise in cost of labour, materials, and services since 1949 when subscription rates were last increased—the number of members who resigned

during the year was only 193. Approximately one-half can be attributed to the increased subscriptions. This loss, though regrettable, was to be expected and it was more than offset by the recruitment of 220 new members, bringing the total of members of all categories to 2407. The following table shows the number of members in each category, the figures in brackets denoting the number of overseas members.

CATEGORY	1957	1958	1959
Industrial and commercial concerns	831 (73)	903 (81)	900 (86)
Government depts. and Government-sponsored organizations	209 (24)	217 (27)	220 (27)
Public and National libraries	272 (45)	278 (47)	285 (48)
Universities and colleges	240 (108)	259 (111)	283 (121)
Other non-profit-making organizations	302 (111)	325 (128)	334 (133)
Individuals	400 (86)	398 (76)	385 (80)
Total	2,254 (447)	2,380 (470)	2,407 (495)

D. CONFERENCES AND MEETINGS

Attendances at Aslib conferences were again encouragingly high. Over 300 persons took part in the Annual Conference held at the Grand Hotel, Scarborough, in October while, in London, whole-day conferences on the presentation of technical information, held in May, and on information in the building industry, held in December, were attended by about 250 and 100 persons respectively. Experience in planning these conferences, however, re-emphasized the difficulties encountered for many years in planning suitable conference activities, and the Council undertook a full discussion of the problem during the year. The principal difficulties, especially in relation to the Annual Conference, have been to devise a programme likely to appeal to the wide range of interests reflected in the membership, and to secure accommodation large enough to house all delegates under one roof at a reasonable cost. At present, these problems appear to be insoluble but it has been decided to organize the Annual Conference during the next few years on a variety of different lines, in an attempt to meet the wishes and needs of as many members as possible, and also to arrange a number of smaller conferences on specific subjects as the need arises.

Three evening meetings were held in London. Mr B. Agard Evans, home from a year's advisory work in India, spoke about the special libraries of that country; Mr Kozi Abe described the work of the Japan Information Center of Science and Technology; and an estimate of the future development of

information work was given by Mr J. E. L. Farradane. In assessing Aslib's activity in this field, it is also necessary to bear in mind the conferences and meetings organized by both branches and groups, reference to which is made elsewhere in this report. The total effect is indeed impressive.

E. EDUCATION AND TRAINING

The popularity of the short courses arranged during the year showed once again that they are one of the services most appreciated by Aslib members. The introductory courses for newcomers to information work, held at both elementary and advanced levels, were as well supported as ever. A new course on the compilation and production of information department publications had to be repeated twice because of the heavy demand for places—in general, not more than thirty students are accepted for each course, so that all have a reasonable opportunity of asking questions and taking part in discussions and visits. The course of lectures on the organization and handling of Soviet and East European scientific literature, already well established in the Aslib programme, was given twice, and courses on advanced classification and patent literature were also held. Several longer courses held at colleges of technology or of commerce in the Northern and Midland Branch areas owed their existence and success in some measure to the enthusiasm and assistance of the branch committees.

F. INFORMATION SERVICE

The number of inquiries received remained at about 30,000 for the year, an average of a hundred requests every working day. This means that each member of the information service, other than secretarial staff, answered on average eleven inquiries every day. The trend towards scientific and technical inquiries of a more complex and specialized nature continued. There was also a further increase in requests for commercial information, many of them from advertising consultants. The number of requests for help in borrowing material, included in the total given below, was 10,643—about the same as in 1958 and approximately one-third of the total. These requests tend to refer to more obscure documents or items for which accurate bibliographical details are not known

SERVICE	1957	1958	1959
Bibliographical inquiries and requests for information and sources	6,604	6,677	7,045
Requests for help in borrowing material	9,968	10,625	10,643
Use of Commonwealth Translations Index	3,837	5,482	5,378
Orders for microfilms and photocopies	6,770	6,898	6,278
Total Requests	27,179	29,682	29,344

to the inquirer. They are therefore by no means straightforward loans to be negotiated. Substantial progress was achieved in speeding up the process of borrowing.

The number of entries in the Commonwealth Index of Scientific Translations rose by about 12,000 to approximately 51,000. As the table shows, the number of checks made against the index remained about the same; 12½ per cent of these proved successful. There was a reduction from 6898 to 6278 in the number of orders for photocopies and microfilms handled by the Document Reproduction service.

G. ASLIB LIBRARY

The Aslib library was well used throughout the year, the number of requests for loans and for the services of translators showing a marked increase. To enable the Librarian to devote more time to planning the further development of the library in accordance with its unique position among special libraries, a library assistant was engaged towards the end of the year for the principal routine duties. An exhibition of photocopying equipment was held between September and November and was attended by approximately 150 members. Plans were made for further exhibitions during 1960, beginning with one of methods of protecting unbound copies of periodicals.

New translators admitted to the Aslib Register of Specialist Translators numbered forty-nine. Allowing for withdrawals for various reasons, the register finally contained 219 names. Use of the register showed an increase of 37 per cent over the previous year.

	1957	1958	1959
Loans from library	2,301	2,305	2,547
Periodicals taken (including annuals)	327	331	340
Books added	385	432	457
Pamphlets added	208	257	204
Reports added	211	225	192
Miscellaneous items indexed	964	871	645
Specialist translators introduced	327	350	480
Specialist indexers introduced	7	5	11

H. RESEARCH DEPARTMENT

An initial scheme of research covering the next five years was developed during the year. Priority was given to an investigation of interlibrary borrowing among special libraries, with particular reference to the cost of borrowing and the time taken to obtain documents on loan. Preliminary plans for the next project, an investigation of 'semi-published' report and other literature, necessitating additional staff in 1960, were prepared.

The research on indexing systems, being carried out under the direction of Mr C. W. Cleverdon at the College of Aeronautics and financed by the National

Science Foundation (USA), made good progress. The indexing by four systems of 18,000 documents was nearly completed, and a detailed programme of tests was drawn up and submitted to the American sponsors and the Aslib Research Committee for critical scrutiny.

The results of a survey of the libraries and information departments of some fifty industrial and commercial organizations, made earlier by Dr D. J. Campbell, were analysed and a report was prepared for publication as a booklet.

Two minor investigations were carried out to meet the requests of members. The first one was of the time taken by special libraries to get their material bound and of the reasons for delays. A preliminary report was published in *Aslib Proceedings* and a final report, to form a basis for discussions with binders, was prepared. The second concerned the lack of subject indexes in published reports of conferences, congresses, and symposia. A fact-finding survey to form a basis for approaches to publishers and congress organizers was in progress at the end of the year.

I. PUBLICATIONS

All Aslib publications suffered from a serious dispute in the printing industry which caused a stoppage of work for seven weeks during the summer. As a result, Volume 7 (covering the academic year 1956–7) of the *Index to theses accepted for higher degrees in the universities of Great Britain and Ireland* was not issued until early in November. In spite of this more than 500 copies had been sold by the end of the year. Sales of previous volumes continued steadily. Meanwhile preparation of Volume 8 (1957–8) for printing was well under way, and the majority of entries for Volume 9 (1958–9) had been received from the universities and were ready for processing. The *Aslib Year Book* 1959–60 also suffered delay and was not delivered until late in October.

The printers of *Aslib book list* and *Aslib proceedings* managed, by using the labour of directors, apprentices, and outside representatives, to complete work on the July issues before the end of the month but it was necessary to make a combined issue of each of these periodicals for August and September. This was distributed in September and a duplicated news sheet was issued in place of the usual August number of *Aslib proceedings*.

The last two issues of the *Journal of documentation* suffered more serious delay, the September issue being distributed in December. The December issue and the annual index were held up until after the end of the year.

Sales of the *Aslib directory: a guide to sources of information in Great Britain and Ireland,* continued through the year, though more slowly as expected. Sales since publication totalled approximately 1400. The *Handbook of special librarianship and information work* continued to sell steadily at an average rate of one copy a day, and preliminary plans were made for preparation of a second, revised, edition for publication when present stocks are exhausted. Production of *British scientific and technical books* 1953–7, a sequel to the volume covering 1935–52, was put in hand in June, with Messrs James Clarke and Co. Ltd publishing for Aslib, but work on it was then held up until the printers returned to work in August. Reviews of some 550 books were obtained by the Publications Department for the British Council for inclusion in *British book news*.

J. INTERNATIONAL RELATIONS

In the international field, Aslib's activities were by no means limited to participation in the affairs of the International Federation for Documentation (FID) though, as usual, this was a major interest. At the Federation's conference, held in Warsaw in September and attended by the Director on behalf of Aslib, plans were approved for an ambitious expansion of activities and a remodelling of the headquarters organization. This development, involving a fundamental change in the concept of the scope of the FID, was made possible by the American delegation who promised to raise their annual contribution from approximately £300 to £6000, and by the Soviet delegation who promised to make a similar increase. According to the new scale of subscriptions drawn up for consideration by the national members, the appropriate contribution from the United Kingdom would be £2500 a year compared with the present sum of £280, made up of £210 subscribed by Aslib and £70 by the British Standards Institution. Discussions were started on the means whereby this greatly increased annual sum could be found. Meanwhile, the FID accepted Aslib's invitation to hold its annual conference in London in 1961, and work began on plans for the event.

During May and June the Director, who was accompanied by Mrs Wilson, paid a goodwill visit to members of Aslib and other library organizations in Canada and the USA. Altogether, forty-six establishments were visited in fifteen centres and the visit ended at the 50th Anniversary Convention of the Special Libraries Association at Atlantic City, NJ. In November and December Mrs Joyce Lancaster-Jones, Honorary Secretary of Aslib, attended an exhibition of British books in Moscow as an official representative of the British Council. As in other fields, contacts with the Soviet Union in librarianship and documentation became easier during the year than at any time since the war and, as part of an exchange scheme devised by the British Council, three leading Russian librarians visited the United Kingdom for a fortnight during October and November. Aslib was glad to have the opportunity of assisting the British Council both by advising on plans for their stay and by nominating one of its members, Mr Anthony Thompson, as a member of a similar party of British librarians chosen to repay the visit early in 1960. In July the members of the planning committee for the International Cataloguing Conference, to be held in 1961, visited Aslib.

K. BRANCHES

Even in a small country like the United Kingdom where communications are relatively good, there are obvious difficulties in arranging opportunities for the exchange of ideas and information among members living at a distance from the headquarters. The solid contribution which the three branches make to the solution of this problem is reflected in the following account of their activities.

SCOTTISH BRANCH

The Annual General Meeting and Conference of the Scottish Branch, held in Glasgow on 6th February, was attended by about forty members. During the morning session Mr Felix Liebesny spoke on patents as sources of information,

and Mr C. G. A. Yate Johnson on the history and development of trade marks and industrial designs. In the afternoon, plans for closer co-operation between universities, scientific organizations, and industrial firms in Scotland were described by Professor Macrae, of the Royal College of Science and Technology, who spoke about the Technical Liaison Service, Scottish Council (Development and Industry), and by Mr E. Martindale, of the DSIR Scottish Office, who discussed the activities of the Scottish Research Laboratories Mutual Assistance Scheme.

Two other branch meetings were held during the year, in April and October. The first took the form of a visit to the BBC studios in Glasgow, during which Miss Carter, of the BBC Recorded Programmes Permanent Library, gave a short talk on her work, with interesting and amusing sound illustrations. In October branch members had the opportunity of visiting the factory of Messrs Burroughs Adding Machine Ltd, at Cumbernauld, where they spent an enjoyable and informative afternoon.

Mr C. G. Wood continued in office as Chairman of the Branch and Miss N. Shinie as Honorary Secretary, Mr A. Liddle became Vice-Chairman and Mr J. R. K. Pirie became Honorary Treasurer.

MIDLANDS BRANCH

Four meetings were held at which the average attendance was twenty-nine. The branch committee's policy has been to hold a meeting outside Birmingham in order to encourage the attendance of members unable to travel to Birmingham easily. In January Mr C. P. Auger, Technical Librarian, Group Research Centre, Joseph Lucas Ltd, gave a paper on automation in libraries. Following the Annual General Meeting in March, Mr L. L. Ardern, Librarian, Manchester College of Science and Technology, spoke on the use of microtechniques in libraries. This meeting was held jointly with the Reference, Special and Information Section of the Library Association.

A further joint meeting with the Section was held in October when Mr J. Roland Smith, Chief of Library and Information Services, Industrial Group, UKAEA, spoke on his impressions of the International Conference on Scientific Information held in Washington in November 1958. At the November meeting, held in Coventry, Mr C. W. Hanson, Head of the Research Department of Aslib, gave an outline of the plans being developed for a five-year research programme in special librarianship and information work.

Branch Officers for the year were: Mr J. H. Bennitt, Chairman; Mr B. M. Bland, Vice-Chairman, Mr E. H. C. Driver, Honorary Secretary; and Mr D. R. C. Whale, Honorary Treasurer.

NORTHERN BRANCH

The branch held meetings in no less than five centres, namely Huddersfield, Leeds, Liverpool, Manchester, and Newcastle. In addition, courses were organized with the assistance of the branch in Manchester, Liverpool, and Sheffield, and the branch sponsored a classification study group and an inquiry into patent search facilities in the provinces.

The year's programme made a good start when, after the Annual General Meeting held in Manchester on 27th February, Mr R. Sewell, Information

Officer, United Steel Companies Ltd, presented a paper entitled 'Some impressions of the attitude of industrial managers to special libraries and information services on the Continent'. On 8th April a meeting was held in Huddersfield to discuss the possibility of organizing a scheme for the co-operative use of local information resources. From the work of the advisory committee set up at the meeting resulted the formation of the Huddersfield and District Information Service (HADIS) for mutual help in lending library material among its members.

On 27th April members had the novel experience of attending an Aslib meeting on board ship—the SS *Reina del Mar,* flagship of the Pacific Steam Navigation Co. Ltd. This was arranged by Mr J. E. Bolton-Allen, Information Officer, Automatic Telephone and Electric Co. Ltd, Liverpool. Besides papers on the shipping industry and the information needs of research organizations, those present heard an interesting account by Mr A. Johnson, Librarian, British Insulated Callender's Cables Ltd, of his experience in the use of unit concept co-ordinate indexing in connection with technical reports. Two papers were given at a meeting held in Leeds on 10th November: one by Commander H. Lemon, RN, Editor, Wool Industries Research Association, on editing and publishing for a research organization and one by Mr R. Sewell on his experiment in learning to read Chinese without formal instruction. At Newcastle, the North-Eastern section of the branch held two meetings dealing with the treatment of periodicals in special libraries and with some aspects of the relationship between librarians and booksellers.

One particularly successful outcome of branch activities has been the growth in the number and variety of courses offered for special librarians in the branch area. Such courses are now well established at Manchester College of Science and Technology and at Liverpool College of Commerce. A new course, consisting of twenty lectures, was started in October by the Sheffield College of Technology and it is hoped that this will become a regular part of the college's programme. In another field, the needs of patent searchers in the provinces, the branch has been active for many years and, during 1959, began a detailed inquiry in the branch area with a view to formulating requests and recommendations for presentation to the Patent Office.

Branch officers for the year were: Mr A. R. Cameron, Chairman; Mr G. H. Davison, Vice-Chairman; Miss E. Boddy, Honorary Secretary; and Mr F. Newby, Honorary Treasurer.

L. GROUPS

AERONAUTICAL GROUP

The Annual Conference was held at Cranfield from 3rd to 5th April, when part of the time was spent in considering a paper, prepared on behalf of the group, on technical information in the aircraft and guided weapons industry. The paper was later rewritten in the light of the conference discussion and an introductory paper was submitted to the Aeronautical Research Council. A winter meeting was held on 29th October, when some seventy members toured Ministry of Aviation technical information and library services, First Avenue House, London, and afterwards heard a paper by Mr R. G. Thorne on supersonic transport aircraft.

ECONOMICS GROUP

The group's programme of visits to libraries and information departments included the American Library, the TUC and Labour Party Library, the British Aluminium Company's Intelligence Department, and the Economics Library of British Nylon Spinners Ltd. The group also had the opportunity of visiting the Thames Board Mills at Purfleet, where the work of an industrial information department was viewed against the background of the work of a large factory. On average, twenty per cent of the group's member organizations were represented at these meetings. The General Meeting, in March, was preceded by a luncheon at which some sixty-seven members and their guests heard an account, given by Paul Bareau of the *News Chronicle,* of the Free Trade Area and Britain's role in it. Over a hundred organizations now belong to the group.

ELECTRONICS GROUP

A residential week-end conference was held at Ashridge College, Berkhamsted, from 29th to 31st May, and about thirty members attended. At the first Annual General Meeting of the group, held during the conference, a draft Constitution was approved. A *Handlist of basic reference material,* prepared by Mrs Codlin, was issued early in the year. It proved very popular and the 260 copies produced were disposed of in two months. Several issues were produced of a news-letter containing topical information of special interest to members of the group.

ENGINEERING GROUP

An evening spent at the Post Office Sorting Offices and Railway at Mount Pleasant showed an aspect of classification and communication of interest to all who attended, while a visit to Whitefriars Glassworks revived members' appreciation of the endurance of craftsmanship in at least one of today's thriving industries. Group visits were also arranged to Charrington's brewery and to the bakeries of J. Lyons & Co. Ltd, at Cadby Hall. The group Annual General Meeting was rounded off by the showing of a film taken by members of the Central Electricity Generating Board when on a visit to Russia. The Electrical Translators Section of the group, which changed its name during the year to Engineering Translators Section in order to reflect the expansion in its interests, arranged a visit to the Lending Library Unit of DSIR; held three meetings on, respectively, the work of the Cambridge University Language Research Unit, the preparation of a multi-lingual dictionary, and on selected aspects of the translator's job; and circulated three issues of the section's *Bulletin.*

FILM PRODUCTION LIBRARIANS GROUP

The group held seven meetings, a *Directory of film production libraries* was published and a sub-committee was appointed to standardize film cataloguing terms.

FURNITURE GROUP

Members of the group who collaborated with the British Standards Institution on a revision of the UDC schedules concerning furniture were glad to hear that the International Federation for Documentation had accepted most of their recommendations. Encouraged by the successful completion of its union list of

periodicals covering furniture, timber, woodworking, and allied subjects, the group began collecting material for a union list of books in its field. Visits were arranged to the Department of Furniture at the Royal College of Art, to an exhibition of wooden office furniture arranged by the Timber Development Association at the Building Centre, and to the High Wycombe Public Library where members heard recordings, made by the Chief Librarian, of local artisans talking about their craft. At two group meetings Mr Glover, of the Ministry of Works, spoke on 'Goverment furnishing', and Miss Roberts of *Which?* and Miss Clough of *Shoppers' guide* talked about consumer research methods.

TEXTILE GROUP

The Group negotiated with DSIR an agreement to edit a cover-to-cover translation of the Russian journal *Tekhnologiya Tekstilnoi Promyshlennosti*. A tour of the laboratories and information department of the Fibres Division of Imperial Chemical Industries Ltd, Harrogate, where the group's Annual General Meeting was held, was also arranged.

M. STAFF EMPLOYMENT REGISTER

The Staff Employment Register, which is licensed annually by the LCC and is maintained by the Membership Section, enrolled 277 candidates and received notification of 236 vacancies. Compared with 1958, this was an increase of forty in the number of vacancies and a decrease of thirty-three in the number of candidates. In spite of the smaller number of candidates, however, the number of vacancies filled rose from sixty to eighty-one. The high cost of recruiting staff through advertisements made the register a particularly valuable service to member organizations.

	1957	1958	1959
Vacancies notified	208	196	236
Candidates registered	321	310	277
Vacancies filled	81	60	81

N. HEADQUARTERS STAFF

Three important senior vacancies were satisfactorily filled by the appointment of Mr C. W. Hanson, Head of the Information Department of the British Scientific Instrument Research Association, as Head of Aslib's new Research Department; of Mr L. Goldstone, County Health Statistician of Essex, as Head of the Information Department; and of Mr G. M. Paterson, Librarian of Ealing Technical College, as Librarian. A review of all staff salary scales, started in 1958, was completed at the beginning of the year; its effects are to be seen in the accounts for the year. The increase in expenditure arising from this review is substantial, but the Council is satisfied that Aslib must be in a position to compete for the available labour on equal terms with other similar bodies. The

staff numbered thirty-four excluding the three employed on the indexing research project at Cranfield, and the Council wishes to record its sincere appreciation of their services during the year.

R. E. FAIRBAIRN, *Chairman*
JOYCE LANCASTER-JONES, *Hon. Secretary*
G. WESTON, *Hon. Treasurer*
LESLIE WILSON, *Director*

Balance Sheet
for the Year ended
December 1959

BALANCE SHEET

1958			£	£
		CAPITAL FUNDS		
		Building Fund		
50,372		As detailed on attached account	52,172	
		Reserve for Replacement of Furniture and Equipment		
		Balance at 1st January 1959 2,629		
2,629		Transfer from Appropriation Account 860		
			3,489	
		Income and Expenditure Account		
10,753		Accumulated Balance at this date	18,398	
	63,754			74,059
		GRANT FROM NATIONAL SCIENCE FOUNDATION		
	6,481	Balance unexpended as detailed on attached account		2,219
		CURRENT LIABILITIES		
1,225		Printing of Publications and Costs of Services	1,636	
174		Royalties	154	
1,750		Alterations and Improvements to Property	279	
3,289		Sundry Creditors and Expenses Accrued Due	2,043	
1,226		Subscriptions Received in Advance	1,610	
	7,664			5,722
	£77,899			£82,000

G. WESTON *Hon. Treasurer*
LESLIE WILSON *Director*
R. E. FAIRBAIRN *Chairman of Council*
JOYCE LANCASTER-JONES *Hon. Secretary*

REPORT OF THE AUDITORS

We have audited the above Balance Sheet and annexed Income and Expenditure Account and have obtained all the information and explanations which to the best of our knowledge and belief were necessary for that purpose. So far as appears from our examination, proper books of account have been kept by the Association. In our opinion and to the best of our information and

Warwick House, Warwick Court, Grays Inn, London, W.C.1
25th March 1960

31st DECEMBER 1959

1958			£	£
		FIXED ASSETS		
		Leasehold Premises *at cost*		
		3 Belgrave Square and 3 Belgrave Mews North		
46,000		Purchase Price	46,000	
1,269		Legal Fees and Stamp Duty	1,269	
5,952		Alterations and Improvements	6,106	
	53,221			53,375
		Furniture and Equipment *at cost*		
5,366		Furniture, Fixtures, and Fittings	6,071	
3,811		Office Equipment	3,860	
1,904		Carpets, Curtains, etc.	1,952	
11,081			11,883	
3,635		Less Grants from DSIR	3,635	
	7,446			8,248
	60,667			61,623
		INVESTMENTS *at cost*		
		Government Securities (Market Value, 1958 £2,413		
	2,502	1959 £2,502)		2,502
		CURRENT ASSETS		
5,231		Stocks of Publications and Stationery	4,748	
2,767		Debtors for Publications and Services	1,705	
1,172		Membership Subscriptions in Arrear	1,677	
2,313		DSIR Grants Receivable	6,625	
1,124		Sundry Debtors and Payments in Advance	1,410	
2,123		Cash at Bank and in Hand	1,710	
	14,730			17,875
	£77,899			£82,000

TO THE MEMBERS OF ASLIB

according to the explanations given to us, the Balance Sheet and Income and Expenditure Account, which are in agreement with the books of account, give the information required by the Companies Act, 1948, in the manner so required and also a true and fair view of the state of the Association's affairs as at 31st December 1959, and of the surplus for the year to that date.

REYNOLDS, ADAMS & LAKE
Chartered Accountants

APPROPRIATION ACCOUNT

1958		£
	Reserve for Replacement of Furniture and Equipment	
816	Allocation for year	861
56	(Legal Fees re Ennismore Gardens)	—
57	(Loss on Sale of Investments)	—
10,753	Balance at 31st December 1959 carried forward	18,398
£11,682		£19,259

BUILDING FUND YEAR

50,372	Balance at 31st December 1959	52,172
£50,372		£52,172

GRANT FROM NATIONAL SCIENCE

		Expenditure for Year		
2,827		Salaries, Pensions, and National Insurance	3,849	
510		Stationery and Equipment	162	
72		Rent	106	
99		Travelling	88	
22		Sundries	57	
	3,530			4,262
	6,481	Balance Unexpended at 31st December 1959		2,219
	£10,011			£6,481

YEAR ENDED 31st DECEMBER 1959

1958		£	£
	Balance at 1st January 1959 brought forward	10,753	
	Less 1958 Subscriptions not received following resignations	146	
8,548			10,607
2,876	Excess of Income over Expenditure for year to 31st December 1959	8,449	
258	Income from Investments (gross)	81	
3,134			8,530
—	Provision for Bad Debts made in 1958 not now required		122
£11,682			£19,259

ENDED 31st DECEMBER 1959

43,879	Balance at 1st January 1959	50,372
3,693	Donations received during year	1,800
2,800	(Grant Receivable from Department of Scientific and Industrial Research)	—
£50,372		£52,172

FOUNDATION YEAR ENDED 31st DECEMBER 1959

5,277	Balance at 1st January 1959	6,481
4,734	(Balance of Grant for Research on Efficiency of Information Retrieval Systems)	—
£10,011		£6,481

INCOME AND EXPENDITURE ACCOUNT

1958			£	£
17,499		Salaries	22,032	
514		Aslib Contribution to Staff Superannuation Scheme	874	
583		Aslib Proportion of National Insurance Contributions	557	
	18,596			23,463
		Rent and General Office Expenses		
373		Ground Rent—Belgrave Square	500	
470		(Rent—Palace Gate)	—	
638		Rates and Water	782	
230		Repairs Premises	132	
221		Insurance	137	
330		Light and Heat	604	
453		Cleaning	646	
1,527		Stationery	1,612	
658		Telephone	719	
2,313		Postage and Packing	2,192	
225		(Removal Expenses)	—	
802		Travelling and Entertaining	1,509	
343		General Expenses	230	
116		Publicity	455	
96		Lift and Office Machinery Maintenance	140	
62		Bank Charges	98	
182		Professional Charges	401	
73		Audit Fee	105	
	9,112			10,262
	126	Grants to Aslib Branches and Groups		155
198		Subscriptions—FID	198	
20		Sundry Societies	27	
	218			225
	1,851	Documentary Reproduction Costs		1,601
		Conference Costs		
1,765		Annual 1,883		
568		Other 482		
			2,365	
343		Courses and Meetings	203	
	2,676			2,568
		Cost of Publications Sold or Distributed during year		
4,149		Periodicals	4,288	
2,193		*Aslib Directory*	426	
1,842		Other Publications	1,412	
	8,184			6,126
	476	Royalties on Publication Sales		204
	346	Additions to Library Stocks		433
	100	Information Department—Loan Requisition Costs		129
	671	(Provision for Bad and Doubtful Debts)		—
	2,876	Excess of Income over Expenditure for the Year carried to Appropriation Account		8,449
	£45,232			£53,615

YEAR ENDED 31st DECEMBER 1959

1958				£	£
		Membership Subscriptions			
13,959		Grant earning		18,459	
		Non Grant earning			
196		British	304		
2,370		Foreign	3,324		
				3,628	
	16,525				22,087
		Department of Scientific and Industrial Research Grants and Contracts			
7,000		Revenue Grant		15,400	
375		Translation Index Contract		450	
	7,375				15,850
		Other Contracts			
500		British Council		500	
87		British Union Catalogue of Periodicals		50	
	587				550
	335	Rents Receivable			812
		Fees for Services			
		Consultant Services	351		
		Less Fees paid	66		
92				285	
4,363		Documentary Reproduction		3,864	
90		Translators Panel		183	
31		Staff Register		24	
	4,576				4,356
		Conference Fees			
1,983		Annual	2,363		
479		Other	478		
				2,841	
1,026		Fees for Courses		938	
	3,488				3,779
		Publication Sales			
2,079		Periodicals		2,132	
6,065		*Aslib Directory*		887	
3,360		Other Publications		2,350	
	11,504				5,369
	5	Royalties on British Scientific and Technical Books			70
	837	Advertisements in Publications			742
	£45,232				£53,615

List of Members

LIST OF MEMBERS

A

A.A.L. LIVERPOOL & DISTRICT DIVISION, Library, c/o College of Commerce, 79 Tithebarn Street, Liverpool 3. *Tel:* Central 6897. *Representative:* W. H. Snape, Hon. Librarian.

A.E.I. HOTPOINT LTD, MARKET RESEARCH DEPT, 33 Grosvenor Place, London, S.W.1. *Tel:* Belgravia 7011, *ext.* 4769. *Representative:* J. A. Saltmarsh, Market Research Manager.

A.T.S. CO. LTD, 18 St James's Square, London, S.W.1. *Tel:* Whitehall 2064. *Representative:* B. Garratt, Press Intelligence Officer.

ABERDEEN PUBLIC LIBRARY, Rosemount Viaduct, Aberdeen. *Tel:* Aberdeen 21239. *Representative:* Marcus K. Milne, A.L.A., F.S.A.(SCOT.), City Librarian.

ABERDEEN UNIVERSITY LIBRARY, King's College, Aberdeen. *Tel:* Aberdeen 45251. *Representative:* Dr W. Douglas Simpson, O.B.E., M.A., D.LITT., Librarian.

ACADEMIC BOOKS LTD, 17 Old Queen Street, London, S.W.1. *Representative:* F. W. Morgan, Director.

ACADIA UNIVERSITY, Wolfville, Nova Scotia, Canada. *Representative:* Watson Kirkconnell, President.

ACCRINGTON PUBLIC LIBRARY, St. James's Street, Accrington. *Tel:* 2411. *Representative:* Geoffrey C. Otter, A.L.A. Borough Librarian.

ACTON PUBLIC LIBRARIES, High Street, Acton, W.3. *Tel:* Acorn 3295–6. *Representative:* Norman E. Binns, Borough Librarian.

ADAMS, MISS CHRISTINE E., 181 Manchester Road, Thornton Lodge, Huddersfield, Yorks.

ADMINISTRATIVE STAFF COLLEGE, Greenlands, Henley-on-Thames, Oxon. *Tel:* Henley 1000. *Representative:* M. Butler, Library Assistant.

ADMIRALTY CENTRE FOR SCIENTIFIC INFORMATION AND LIAISON, Queen Anne's Mansions, London, S.W.1. *Tel:* Whitehall 9444, *ext.* 484. *Representative:* H. L. R. Hinkley, Librarian.

ADMIRALTY. DIRECTOR GENERAL, WEAPONS (Surface Division), Technical Library, Room 91B, Block A, Admiralty Offices, Ensleigh, Bath, Somerset. *Tel:* Bath 6933, *ext.* 1033.

ADMIRALTY, DIRECTOR GENERAL SHIPS' LIBRARY, Room 26, Block E, Admiralty, Foxhill, Bath, Somerset. *Tel:* Bath 6911, *ext.* 0084. *Representative:* T. H. Maskell, Librarian to Director General Ships.

ADMIRALTY. NAVY WORKS DEPARTMENT, Chamberlain Way, Pinner, Middx. *Tel:* Pinner 7400, *ext.* 106. *Representative:* H. Wolf, in charge of Development Branch (Technical Information and Library).

ADMIRALTY RESEARCH LABORATORY, Teddington, Middx. *Tel:* Teddington Lock 3231. *Representative:* L. E. Mayes, B.SC., Information Officer.

ADMIRALTY. SENIOR PSYCHOLOGIST'S DEPARTMENT, Queen Anne's Mansions, London, S.W.1. *Tel:* Whitehall 9444, *ext.* 732. *Representative:* Librarian.

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ZOOLOGICAL SOCIETY OF LONDON, Regent's Park, London, N.W.1. *Tel:* Primrose 3333. *Representative:* G. B. Stratton, M.B.E., A.L.S., Librarian.

CLASSIFIED INDEX TO CORPORATE MEMBERS

ACCOUNTANCY, *see* MANAGEMENT, including ACCOUNTANCY

AERONAUTICS, *see* ENGINEERING—AERONAUTICAL

ADVERTISING

Associations, Institutions, Societies, etc.

Advertising Association
Central Office of Information
Institute of Practitioners in Advertising

Industrial and Commercial Concerns

Allardyce Palmer Ltd
Colman, Prentis, & Varley Ltd
Foote, Cone & Belding Ltd
Garland, S. T., Advertising Service Ltd
Hobson, Charles W., Ltd
London Press Exchange Ltd
McCann-Erickson Advertising Ltd
Masius & Fergusson Ltd
Medical Mailing Co. Ltd
Pemberton, Alfred, Ltd
Plan (International) Ltd
Pritchard Wood & Partners Ltd
Robert Freeman Co. Ltd
Saward Baker & Co. Ltd
Sharp, Robert, & Partners Ltd
Shell Petroleum Co. Ltd (Advertising Dept)
Smiths Advertising Agency Ltd
Stuart Advertising Agency
Thompson, J. Walter, Co. Ltd
Willings Press Services Ltd
Young & Rubicam Ltd

AGRICULTURE, HORTICULTURE, FORESTRY, FISHERIES

Associations, Institutions, Societies, etc.

Agricultural Economics Research Institute
Agricultural Economics Society
Anti-Locust Research Centre
Australia. Commonwealth Forestry & Timber Bureau
Bibliotheca Bogoriensis
Biologische Bundersanstalt für Land- und Forstwirtschaft
Bristol. University. Department of Agriculture & Horticulture Research Station
British Friesian Cattle Society
British Society for Research in Agricultural Engineering
British Trawler's Federation Ltd
Centre Technique Forestier Tropical
Chalk Quarrying Association
Chemara Research Station
Commission Internationale des Industries Agricoles
Commonwealth Agricultural Bureaux
Copenhagen. Den Kgl Veterinær-og Landbohøjskoles Bibliotek
Ditton Laboratory (D.S.I.R.)
Edinburgh School of Agriculture
Food & Agriculture Organisation of the United Nations
Forestry Commission Library
Ghana. Department of Agriculture
Ghana. Ministry of Agriculture
Glasshouse Crops Research Institute
Grassland Research Institute
Hannah Dairy Research Institute
Helsinki University Forestry Library
Horace Plunkett Foundation
Imperial College of Tropical Agriculture
Imperial Forestry Institute
Interafrican Bureau for Epizootic Diseases
Inter-American Institute of Agricultural Sciences
Institut Français de Récherches Fruitières
John Innes Horticultural Institution
Kawanda Research Station
Marine Biological Research Station
Ministry of Agriculture, Fisheries and Food
National Farmers' Union
National Institute for Research in Dairying
National Institute of Agricultural Engineering
National Vegetable Research Station
Nature Conservancy
Nigeria. Federal Department of Agricultural Research
Nigeria. Ministry of Agriculture Regional Research Station
North of Scotland College of Agriculture
Nottingham. University School of Agriculture
Pest Infestation Laboratory (D.S.I.R.)
Pig Industry Development Authority
Rothamsted Experimental Station
Royal Agricultural Society
Royal Botanic Garden, Edinburgh
Royal Botanic Gardens, Kew
Royal Dublin Society

Scottish Home Department Marine Laboratory
Scottish Horticultural Research Institute
Scottish Marine Biological Association
South Africa. Department of Agriculture
Sudan Ministry of Agriculture
Tomato and Cucumber Marketing Board
Torry Research Station (D.S.I.R.)
Tropical Products Institute
Wye College

Industrial and Commercial Concerns

African Explosives & Chemical Industries Ltd
Birds Eye Foods Ltd
Brown, David, Corporation (Sales) Ltd
Chafer, J. W., Ltd
Dow Agrochemicals Ltd
Felber, Gordon, & Co. Ltd
Fisons Fertilizers Ltd
Fisons Ltd
Fisons Pest Control Ltd
Hunting Geophysics Ltd
Imperial Chemical Industries Ltd
Marks, A. H., & Co. Ltd
Massey-Ferguson Ltd
Shamrock Fertilizers Ltd
'Shell' Research Ltd
South African Sugar Association
Twyford Mill Ltd
Unilever, Food Research Department
Vitamins Ltd
Vitax Ltd
Wheat Industries (Australia) Pty Ltd
Wright Hargreaves Engineering Co. Ltd

ARCHITECTURE, *see* BUILDING, ARCHITECTURE, and TOWN PLANNING

ARMED SERVICES

Associations, Institutions, Societies, etc.

Admiralty Centre for Scientific Information and Liaison
Admiralty. Director General Ships' Library
Admiralty. Navy Works Dept
Admiralty. Research Laboratory
Admiralty. Senior Psychologist's Dept
Admiralty. Surface Weapons Establishment
Admiralty. Weapons (Surface Division)
Air Ministry. Library
Army Operational Research Group
Britannia Royal Naval College
Imperial War Museum
Institution of Royal Engineers
Instituto Nacional de Técnica Aeronáutica
Israel. Ministry of Defense
Ministry of Aviation
National War College
Office of Naval Research
R.A.F. Institute of Aviation Medicine
Royal Air Force
Royal Air Force College Library
Royal Air Force Technical College
Royal Aircraft Establishment
Royal Army Medical College
Royal Military College of Science
Royal Naval Engineering College
Royal Ordnance Factory
Underwater Weapons Establishment
United States Air Force
United States Air Force, 7th Air Division
War Office Library

ASBESTOS

Industrial and Commercial Concerns

Bell's Asbestos and Engineering Ltd
Cape Asbestos Co. Ltd
Cresswell's Asbestos Co. Ltd
Felber, Gordon, & Co. Ltd
Turner Brothers Asbestos Co. Ltd
Turner & Newall Ltd

ATOMIC ENERGY

Associations, Institutions, Societies, etc.

British Engineers' Association
California University. Radiation Laboratory Library
Comisión Nacional de la Energía Atómica
Comitato Nazionale per le Ricerche Nucleari
Danish Atomic Energy Commission
Electrical Engineers (A.S.E.E.) Exhibition Ltd
France. Commissariat à l'Energie Atomique
Institute of Nuclear Physics
Institute of Nuclear Science
Israel Atomic Energy Commission

Industrial and Commercial Concerns

Associated Electrical Industries Ltd
Atomenergi AB
Atomic Power Constructions Ltd
Babcock & Wilcox Ltd

British Engineers Association Inc.
Brookhaven National Laboratory
English Electric Co. Ltd (Whetstone)
Foster Wheeler Ltd
General Electric Co. Ltd
Hawker Siddeley Nuclear Power Co. Ltd
Hayward Tyler & Co. Ltd
Head Wrightson Processes Ltd
International Combustion (Holdings) Ltd
Nuclear Power Group
Parsons, C. A., & Co. Ltd
Radiochemical Centre (U.K. Atomic Energy Authority)
Rolls-Royce Ltd
Solartron Electronic Group Ltd
Spembly Ltd
Thompson, John, Ltd
United Aircraft Corporation
United Kingdom Atomic Energy Authority
United Shoe Machinery Corporation
Vickers Armstrong (Aircraft) Ltd
Whessoe Ltd

BANKING, FINANCE, and INSURANCE

Associations, Institutions, Societies, etc.
Chartered Insurance Institute
Fire Offices' Committee Fire Protection Association
Institute of Bankers
Institute of Chartered Accountants
Institute of Cost and Works Accountants

Industrial and Commercial Concerns
Bank of London & South America Ltd
British Aviation Insurance Co. Ltd
Crusader Insurance Co. Ltd
National Bank of Australasia Ltd
National Provincial Bank Ltd
Phillips & Drew
Prudential Assurance Co. Ltd
Royal Bank of Canada
South African Mutual Life Assurance Society
Swiss Bank Corporation
Tilling, Thomas, Ltd
Wagner, H. & R.

BOOKSELLERS and PUBLISHERS

Industrial and Commercial Concerns
Academic Books Ltd
Architectural Press
Associated Iliffe Press
Bailey Bros. & Swinfen Ltd
Baillière, Tindall & Cox Ltd
Blackie & Son Ltd
Blackwell, B. H., Ltd
Butterworths Scientific Publications
Cambridge University Press
Chambers's Encyclopædia
Chapman & Hall Ltd
Christian Science Monitor
Cleaver-Hume Press Ltd
Collet's Holdings Ltd
Consultants Bureau Inc.
Consumers' Association Ltd
Dawson, William, & Sons Ltd
Dokumentationen der Technick
Elsevier Publishing Company
Encyclopædia Britannica Ltd
Engineering
Foyle, W. & G., Ltd
Gill, Claude, Books
Griffith, W. P., & Sons Ltd
Harrison, Raison & Co. Ltd
Hill, Leonard, Ltd
Interscience Publishers Ltd
Keesing's Publications Ltd
Kompass Register Ltd
Lawrence and Wishart Ltd
Lewis, H. K., & Co. Ltd
Lindstahls, Henrik
McGraw-Hill Publishing Co. Ltd
Macmillan & Co. Ltd
Maxwell, I. R., & Co. Ltd
Morgan Brothers (Publishers) Ltd
National Book League
Newman Neame Ltd
Newnes, George, Ltd
Odhams Press Ltd
Office International de Documentation et Librairie
Office International de Librairie
Parry, A. E., & Co.
Pergamon Institute
Petroleum Times Ltd
Rathbone Books
Stationery Office
Stechert Hafner Inc.
Taylor & Francis Ltd
Temple Press Ltd
Tratsart, J. B., Ltd
Trundell, John, & Partners Ltd
Vallancey Press Ltd
Van Nostrand, D., Co. Ltd
West End Book Supplies Ltd
Wilson, H. W., Co.

BROADCASTING and TELEVISION

Industrial and Commercial Concerns

Associated-Rediffusion Ltd
British Broadcasting Corporation
Rediffusion Research Ltd
Scottish Television Ltd
Tyne Tees Television Ltd

BUILDING, ARCHITECTURE, and TOWN PLANNING

Associations, Institutions, Societies, etc.

Architectural Association Inc.
Bristol Building Centre Ltd
Brixton School of Building
Building Operations Research Unit
Building Research Station
College of Estate Management
India. National Buildings Organisation
London County Council Members' Library
Metropolitan Police. Architects' and Surveyors' Department
Ministry of Housing and Local Government
Ministry of Works Library
Norges Byggforskninsinstitutt
Royal Institute of British Architects
Royal Institution of Chartered Surveyors
Timber Development Association Ltd

Industrial and Commercial Concerns

Architectural Press
British Plaster Board (Holdings) Ltd
Butterley Co. Ltd
Carter & Co. Ltd
Cawood, Wharton & Co. Ltd
Clifford Tee & Gale
Cobb, K. L., Ltd
Costain, Richard, Ltd
Ellis, John, & Sons Ltd
Gear, A. M., & Associates
Laing, John, & Son Ltd
Limmer & Trinidad Lake Asphalt Co. Ltd
Luxfer Ltd
McGladery, S., & Sons Ltd
Permanite Ltd
Redland Tiles Ltd
Rowebb Ltd
Shepherd, F., & Son Ltd
Stramit Boards Ltd
Taylor Woodrow Ltd
Tentest Fibre Board Co. Ltd
Whatlings Ltd
Wimpey, George, & Co. Ltd
Yale & Towne Manufacturing Co. Ltd

CERAMICS, GLASS, CEMENT, and CONCRETE

Associations, Institutions, Societies, etc.

British Ceramic Research Association
British Glass Industry Research Association
Cement and Concrete Association
Chalk Lime & Allied Industries Research Association
Institution of Structural Engineers

Industrial and Commercial Concerns

Associated Lead Manufacturers Ltd
Associated Portland Cement Manufacturers Ltd
Borax Consolidated Ltd
Bray, Geo., & Co. Ltd
British Industrial Sand Ltd
British Plaster Board (Holdings) Ltd
Butterley Co. Ltd
Cape Asbestos Co. Ltd
Carborundum Co. Ltd
Carter & Co. Ltd
Cementation Co. Ltd
Ellis, John, & Sons Ltd
Fibreglass Ltd
Hinckleys Ltd
Johnson, H. & R., Ltd
Marley Tile Co. Ltd
Morgan Crucible Co. Ltd
Pilkington Brothers Ltd
Redland Tiles Ltd
Rowebb Ltd
Steetley Magnesite Co. Ltd
Triplex Safety Glass Co. Ltd
Turner & Newall Ltd
United Glass Ltd
Worcester Royal Porcelain Co. Ltd

CHEMICAL INDUSTRY and CHEMISTRY

Associations, Institutions, Societies, etc.

Australia. Coal Research Section (C.S.I.R.O.)
Brewing Industry Research Foundation
British Coal Utilisation Research Association
British Plastics Federation
British Rubber Producers' Research Association
Chemical Society
Chilean Iodine Educational Bureau
D.S.I.R. Research Laboratory of the Government Chemist
Explosives Research & Development Establishment (Ministry of Aviation)
Gmelin-Institut fuer Anorganische Chemie und Grenzgebiete in der Max-Planck-Gesellschaft
Institution of Chemical Engineers
Kemian Keskusliitto
National Chemical Laboratory

Radio Chemical Centre
Research Council of the British Whiting Federation
Wellcome Foundation Ltd
Warren Spring Laboratories

Industrial and Commercial Concerns

African Explosives & Chemical Industries
Air Reduction Co. Inc.
Albright & Wilson (Aust.) Pty Ltd
Albright & Wilson, Mfg Ltd
American Viscose Corporation
Ashburton Chemical Works Ltd
Associated Chemical Companies Ltd
Associated Ethyl Co. Ltd
Associated Lead Manufacturers Ltd
B.B. Chemical Co. Ltd
B.I.P. Chemicals Ltd
B.P. Refinery (Llandarcy) Ltd
B.X. Plastics Ltd
Baker Perkins Ltd
Beck, Koller & Co. (England) Ltd
Beecham Research Laboratories Ltd
Benzole Producers Ltd
Berk, F. W., & Co. Ltd
Berry Wiggins & Co. Ltd
Bibby, J., & Sons Ltd
Birmingham Chemical Co. Ltd
Boake, A., Roberts & Co. Ltd
Borax Consolidated Ltd
Bowmans Chemicals Ltd
British Chrome & Chemicals Ltd
British Cocoa Mills (Hull) Ltd
British Drug Houses Ltd
British Hydrocarbon Chemicals Ltd
British Oxygen Engineering Ltd
British Oxygen Research and Development Ltd
British Ratin Co. Ltd
British Sulphur Corporation Ltd
British Timken Ltd
British Titan Products Co. Ltd
Brown & Forth Ltd
Burts & Harvey Ltd
Bush, W. J., & Co. Ltd
Butler, Wm, & Co. (Bristol) Ltd
Camden Chemical Co. Ltd
Canning, W., & Co. Ltd
Capper Pass & Son Ltd
Chafer, J. W., Ltd
Chemstrand Corporation
Chemstrand Ltd
Chloride Electrical Storage Co. Ltd
Clayton Aniline Co. Ltd
Coalite & Chemical Products Ltd
Colgate Palmolive Ltd
Companhia União Fabril
Consolidated Zinc Corporation Ltd
Constructors John Brown Ltd
Cooper Technical Bureau
Courtaulds Ltd
Cyanamid of Great Britain Ltd
Distillers Company (Biochemicals) Ltd
Distillers Company Ltd
Domestos Ltd
Dow Agrochemicals Ltd
Du Pont de Nemours, E. I., & Co.
Elder, Smith & Co. Ltd
Electro-Chemical Engineering Co. Ltd
Esso Petroleum Co. Ltd
Esso Research Ltd
Evans, Norman, & Rais Ltd
Farbenfabriken Bayer
Fisons Ltd
Fisons Pest Control Ltd
Foundry Services International Ltd
Fullers' Earth Union Ltd
Geigy Company Ltd
Genatosan Ltd
Gillette Industries Ltd
Glaxo Laboratories Ltd
Graesser Salicylates Ltd
Graesser, R., Ltd
Halstead, James, Ltd
Hamlin, B. J., Ltd
Hardman & Holden Ltd
Head Wrightson & Co. Ltd
Hedley, Thomas, & Co. Ltd
High Polymer & Petro-Chemical Engineering Ltd.
Holmes, W. C., & Co. Ltd
Holt Products Ltd
Howards of Ilford
Hygrotherm Engineering Ltd
I.C.I. (Heavy Organic Chemicals) Ltd
Ilford Ltd
Imperial Chemical Industries Ltd
Kaiser Aluminium & Chemical Corporation
Keegan Dyestuffs & Chemicals Ltd
Koninklijke/Shell—Laboratorium
Koppers Company Ltd
Laing, James, Son & Co. (M/C) Ltd
Lansil Ltd
Laporte Acids Ltd
Laporte Chemicals Ltd
Laporte Industries Ltd
Laporte Titanium Ltd
Leek Chemicals Ltd
Lonza Electrical & Chemical Works Ltd
Manchester Oil Refinery Ltd
Manderstam, L. H., & Partners Ltd
Marks, A. H., & Co. Ltd
May & Baker Ltd
Midland Silicones Ltd
Minnesota Mining & Manufacturing Co. Ltd
Monsanto Chemicals Ltd
Munro & Miller Ltd
National Coal Board
Nederlandsch Verkoopkantoor voor Chemische Producten, N.V.
New London Electron Works Ltd
Newton Chambers & Co. Ltd
Olin Mathieson Chemical Corporation
Parke Davis & Co. Ltd
Permutit Co. Ltd
Petrochemicals Ltd
Pfizer Ltd

Polak & Schwarz (England) Ltd
Polak & Schwarz's Essencefabrieken, N.V.
Pure Chemicals Ltd
Pyrene Co. Ltd
Reckitt & Sons Ltd
Salamon & Seaber
Sandeman Brothers Ltd
Sandoz Ltd
Scott Bader Co. Ltd
Scott, George, & Son (London) Ltd
Shamrock Fertilizers Ltd
Shell International Chemical Co. Ltd
Shell International Petroleum Co. Ltd
Simon-Carves Ltd
Smith, Kline & French Laboratories
Smith, T. & H., Ltd
Société de Chimie Industrielle
Sondes Place Research Laboratories Ltd
Spence, Peter, & Sons Ltd
Steetley Magnesite Co. Ltd
Sutcliffe, Speakman & Co. Ltd
Timbrol Company
Transparent Paper Ltd
Uclaf Ltd
Unilever Ltd (Research Department, Port Sunlight)
Union Carbide Ltd
United Sulphuric Acid Corporation
Vinyl Product Ltd
Wacker-Chemie G.m.b.H.
West Virginia Pulp & Paper Company
Westbrook Lanolin Co.
Wilmot Breeden Laboratories
Woodall-Duckham Construction Co. Ltd
Wright Layman & Umney Ltd
Yarsley Research Laboratories Ltd
Yorkshire Tar Distillers Ltd

CLOTHING and FOOTWEAR

Associations, Institutions, Societies, etc.

Barrett Street Technical College
British Boot, Shoe and Allied Trades Research Association
British Hat and Allied Feltmakers Research Association
Clothing Institute Ltd
Hosiery and Allied Trades Research Association

Industrial and Commercial Concerns

Aero Zipp Fasteners Ltd
Marks & Spencer Ltd

COAL, *see* FUEL and POWER

COLLEGES, *see* UNIVERSITIES and COLLEGES

CONCRETE, *see* CERAMICS, GLASS, CEMENT, and CONCRETE

CONSULTANTS

Associations, Institutions, Societies, etc.

Industrial Welfare Society
Rural Industries Bureau
Scientific Film Association
Tavistock Institute of Human Relations

Industrial and Commercial Concerns

Analytical European Surveys Ltd
Arup, Ove, & Partners
Aviation & Engineering Projects Ltd
Baker Research Laboratories Ltd
Binnie Deacon & Gourley
Brisch, E. G., & Partners Ltd
British Market Research Bureau Ltd
Counties Public Health Laboratories
Ewbank & Partners Ltd
Finders Ltd
Fulmer Research Institute Ltd
Galitzine & Partners Ltd
Gear, A. M., & Associates
Gibb, Sir Alexander, & Partners
Halcrow, Sir William, & Partners
Head Wrightson Processes Ltd
Houseman & Thompson Research Ltd
Industrial Administration (R & A) Ltd
Irwin, E. G., & Partners Ltd
Jolley, J. L., & Partners Ltd
Kennedy & Donkin
M.W.M. (London) Ltd
Manderstam, L. H., & Partners Ltd
McKinsey & Co. Inc
Merz & McLellan
Metals Research Ltd
Moulton Developments Ltd
N.U.M.A.S. Ltd
Noel-Brown, S. J., & Co. Ltd
Norma Skemp Ltd
Norris Brothers Ltd
Norris Industrial Consultants Ltd
North West Machine Design Co. Ltd
Petroleum Economics Ltd
Posford, Pavry & Partners
Powell Duffryn Technical Services Ltd
Production Engineering Ltd
Research & Marketing Ltd
Roberts, F. G.
Salamon & Seaber
Sondes Place Research Laboratories Ltd
Stanger, R. H. Harry
Technical Information Company
Underseas Ltd
Urwick Orr & Partners Ltd
Wallace Attwood Company
Yarsley Research Laboratories Ltd

COSMETICS

Industrial and Commercial Concerns

Baker Research Laboratories Ltd
Colgate Palmolive Ltd
County Laboratories Ltd
Rubinstein, Helena, Ltd
Unilever Ltd, Toilet Preparations Development Unit
Warner, William R., & Co. Ltd
Yardley & Co. Ltd

COUNTY LIBRARIES, *see* PUBLIC and COUNTY LIBRARIES

DEVELOPMENT ORGANIZATIONS

Associations, Institutions, Societies, etc.

Birmingham Chamber of Commerce (Incorporated)
Cameroons Development Corporation
Caribbean Commission Library
Colonial Development Corporation
Council of Industrial Design
Danish Technical Information Service
Greek Productivity Centre
Israel Institute of Productivity
London Chamber of Commerce, Inc.
Nigeria. Department of Commerce & Industries
Trinidad. Federal Information Service
Westvlaamse Ekonomische Raad

DOCUMENTATION and LIBRARIANSHIP

Associations, Institutions, Societies, etc.

A.A.L., Liverpool and District Division
Advisory Group for Aeronautical Research and Development
American Documentation Institute
Birmingham College of Commerce
British Standards Institution
Bureau d'Etudes et de Documentation Industrielle
Centrale Organisatic T.N.O.
Centro Italiano di Documentazione
Council on Library Resources Inc.
Deutsche Akademie der Wissenschaften zu Berlin, Institut für Dokumentation
Dokumentationen der Technik
France. Direction des Bibliothèques
Ghana Library Board
Gmelin-Institut fuer Anorganische Chemie und Grenzgebiete in der Max-Planck-Gesellschaft
Insdoc (Indian National Scientific Documentation Centre)
Instituto Brasileiro de Bibliografia
Institutul de Documentare Tehnica
Instytut biologiczno doswiaczalny im. Nenckiego P.A.N.
Leeds College of Commerce
Library Association
Loughborough College of Further Education
McGill University Library School
Nederlands Instituut voor Documentatie en Registratuur
Newcastle upon Tyne Municipal College of Commerce
Nigeria. Eastern Region Library Board
Norges Teknisk-Naturvitenskapelige
Országos Müszaki Könyvtár
Österreichisches Dokumentationszentrum für Technik und Wirtschaft
Pansdoc
Patronato Juan de la Cierva C.I.D.
Poland. Centralny Instytut Dokumentacji Naukowo-Technicznej
Polish Library
Scottish College of Commerce
Social Sciences Documentation
Special Libraries Association
Toronto University
Unesco Library
Ustav Pro Technicke a Ekonomicke Informace
Ustredni Technicka Knihovna C.S.R.
Verein Deutscher Maschinenbau–Anstalten E.V.
Vlaamse Vereniging van Bibliothecarissen
Western Reserve University
Yugoslavia. Centar za Dokumentacijo

Industrial and Commercial Concerns

Brisch, E. G., & Partners Ltd
Jolley, J. L., & Partners Ltd
Micro Methods Ltd

DOMESTIC ECONOMY

British Launderers' Research Association
Brooks Dye Works Ltd

ECONOMICS and SOCIOLOGY

Associations, Institutions, Societies, etc.

Agricultural Economics Research Institute
Agricultural Economics Society
Board of Trade Library
Carnegie U.K. Trust
Fawcett Society
Horace Plunkett Foundation
Inland Revenue
Institute of Bankers
International African Institute
Kiel. Bibliothek des Instituts für Weltwirtschaft an der Universität Kiel
Kinder-Kulturvereniging
Labour Party Library
London School of Economics
Ministry of Pensions and National Insurance
National Institute of Economic and Social Research
New York University. Commerce Library
Nuffield Foundation
Polish Cultural Institute
Royal Commonwealth Society
Social Survey
South Pacific Commission
Statistisk Sentralbyras Bibliotek
Treasury and Cabinet Office

Industrial and Commercial Concerns

Bank of London & South America Ltd
Co-operative Wholesale Society Ltd
Economist
Financial Times Ltd
Market Potentials Ltd
Prudential Assurance Co. Ltd
Remploy Ltd
Unilever Ltd, Economics and Statistics Department

EDUCATION

Associations, Institutions, Societies, etc.

British Association for Commercial & Industrial Education
Cyprus. Education Department
Durham University. Institute of Education
Educational Institute of Scotland
Film Centre Ltd
George Peabody College (for Teachers)
Huddersfield Technical Teachers' Training College
India. Central Secretariat Library
Institute of Linguists
London. University. Institute of Education
London County Council. Education Library
Ministry of Education
National Foundation for Educational Research
National Institute for the Deaf
National Institute of Adult Education
National Union of Teachers
Northumberland Education Committee
Transvaal Education Department

ELECTRONIC INDUSTRIES and RADIO

Associations, Institutions, Societies, etc.

Australia. National Standard Laboratories
British Institution of Radio Engineers
Central Electronics Engineering Research Institute
Director General Electronics Research & Development (Technical Administration)
Electrical Engineers (A.S.E.E.) Exhibition Ltd
Institution of Electrical Engineers
Ministry of Aviation
Non-Destructive Testing Society
Radio Research Station (D.S.I.R.)
Royal Radar Establishment
Signals Research and Development Establishment (Ministry of Supply)

Industrial and Commercial Concerns

Allen-Bradley Technical Library
Antiference Ltd
Associated Electrical Industries Ltd
Automatic Telephone & Electric Co. Ltd
Belling & Lee Ltd
Boulton Paul Aircraft Ltd
British Telecommunications Research Ltd
Burndept Ltd
Bush Radio Ltd
Coastal Radio Ltd
Cole, E. K., Ltd
Collaro Ltd
Cosmocord Ltd
Cossor Radar & Electronics Ltd
Crosfield, J. F., Ltd
Dawe Instruments Ltd
Decca Radar Ltd
Dowty Group Ltd
E.M.I. Electronics Ltd
Electronic Switchgear (London) Ltd
Electronic Tubes Ltd
English Electric Aviation Ltd
English Electric Co. Ltd
English Electric Valve Co. Ltd

Ericsson Telephones Ltd
Ever Ready Co. (Great Britain) Ltd
General Electric Co. Ltd
Honeywell Controls Ltd
IBM United Kingdom Ltd
IBM World Trade Laboratories (Great Britain) Ltd
International Aeradio Ltd
International Computers & Tabulators Ltd
Lancashire Dynamo Holdings Ltd
London Electric Wire Co. & Smiths Ltd
Lorain Products Corporation
Marconi's Wireless Telegraph Company Ltd
Muirhead & Co. Ltd
Mullard Blackburn Works
Mullard Equipment Ltd
Mullard Research Laboratories
Nash & Thompson Ltd
Newmarket Transistors Ltd
Panellit Ltd
Peebles, Bruce, & Co. Ltd
Plessey Company Ltd
Pullin, R. B., & Co. Ltd
Racal Engineering Ltd
Rank, J. Arthur, Organization (Management) Ltd
Rank Precision Industries Ltd
Rediffusion Research Ltd
Roe, A. V., & Co. Ltd
Rotax Ltd
Solartron Electronic Group
Sperry Gyroscope Co. Ltd
Standard Telecommunication Laboratories Ltd
Standard Telephones & Cables Ltd, N.S.W.
Telephone Manufacturing Co. Ltd
Texas Instruments Ltd
Thompson, J. Langham, Ltd
Thorn Electrical Industries Ltd
Tube Investment Research Laboratories
Turner, Ernest, Electrical Instruments Ltd
Ultra Electronics Ltd
Vectron Electro-Physics Ltd
Wego Condenser Co. Ltd

ENGINEERING — GENERAL

Associations, Institutions, Societies, etc.

Aluminium Development Association
Amalgamated Engineering Union
British Engineers Association
British Hydromechanics Research Association
British Welding Research Association
Cambridge University Engineering Laboratory
Case Institute of Technology
Institute of Materials Handling
Institute of Welding
Institution of Engineering Inspection
Institution of Engineers
Institution of Engineers and Shipbuilders in Scotland
Institution of Gas Engineers
Institution of Plant Engineers
Institution of Production Engineers
Institution of Royal Engineers
Institution of Structural Engineers
Instituto Technologico
Jadavpur University
Manchester College of Science & Technology
Montreal. Ecole Polytechnique
National Industrial Fuel Efficiency Service
National Institute of Agricultural Engineering
Norges Teknisk-Naturvitenskapelige Forskningsråd
North-East Coast Institution of Engineers and Shipbuilders
Österreichisches Dokumentationszentrum für Technik und Wirtschaft
Production Engineering Research Association
Royal College of Science & Technology
Royal Naval Engineering College
Texas Engineers' Library
Underwater Weapons Establishment

Industrial and Commercial Concerns

Allen-Bradley Company
Antiference Ltd
Associated Engineering Ltd
Aviation & Engineering Projects Ltd
B.S.A. Group Research Centre
Babcock & Wilcox Ltd
Baker Perkins Ltd
Birlec Ltd
Blaw Knox Ltd
Bolton Railway Wagon & Ironworks Co. Ltd
Bookers Engineering Holdings Ltd
Brendan Butler Ltd
British Insulated Callender's Cables Ltd
British Oxygen Engineering Ltd
British Piston Ring Co. Ltd
Brown, David, Corporation (Sales) Ltd
Carborundum Co. Ltd
Clarke, Chapman & Co. Ltd
Clifford Motor Components Ltd
Consett Iron Co. Ltd
Constructors John Brown Ltd
Cornercroft Ltd
Davey, Paxman & Co. Ltd
Dexion Ltd
Edwards High Vacuum Ltd
English Electric Co. Ltd
Ever Ready Co. (Great Britain) Ltd
Ferranti Ltd
General Electric Co. Ltd (Telephone Works)
General Electric Co., U.S.A.
General Precision Systems Ltd
Glover, J., & Sons Ltd
Hall, Matthew & Co. Ltd

Hawker Siddeley Brush Turbines Ltd
Head Wrightson & Co. Ltd
Hobson, H. M., Ltd
Hopkinsons Ltd
Howden, James, & Co. Ltd
Imperial Chemical Industries Ltd
Impregnated Diamond Products Ltd
Incandescent Heat Co. Ltd
International Combustion (Holdings) Ltd
International Meehanite Metal Co. Ltd
Irwin, E. G., & Partners Ltd
Johnson, Richard, & Nephew Ltd
Kennedy & Donkin
Kent, George, Ltd
Lancashire Dynamo (Holdings) Ltd
Lansing Bagnall Ltd
Lightfoot Refrigeration Co. Ltd
Manchester Oil Refinery Ltd
Massey-Ferguson Ltd
Matbro Ltd
Motherwell Bridge Contracting & Trading Co. Ltd
Moulton Developments Ltd
Mullard Blackburn Works
Napier, D., & Son Ltd
Newton, Chambers & Co. Ltd
Norris Bros Ltd
P. G. Engineering Ltd
Paterson Engineering Co. Ltd
Perkins, F., Ltd
Pillin, John B., Ltd
Pirelli Ltd
Pyrene Co. Ltd
Rubery Owen & Co. Ltd
Ruston & Hornsby Ltd
Saunders Valve Co. Ltd
Scott, George, & Son (London) Ltd
Serck Radiators Ltd
Shaw, Francis, & Co. Ltd
Simmonds Aerocessories Ltd
Singer Manufacturing Co. Ltd
Sommerfelds Ltd
Spiral Tube & Components Co. Ltd
Spooner Dryer Engineering Co. Ltd
Stanger, R. H. Harry
Sterne, L., & Co. Ltd
Stone-Chance Ltd
Sykes, W. C., Ltd
Thompson, John, Ltd
Tilley Lamp Co. Ltd
Transparent Paper Ltd
Tube Investments Ltd
Tube Investments Research Laboratories
Turner Brothers Asbestos Co. Ltd
Vickers-Armstrongs (Aircraft) Ltd
Vickers-Armstrongs (Engineers) Ltd
Vickers Research Ltd
Waterbury Ltd
Weir, G & J., Ltd
Wellington Tube Works Ltd
Whessoe Ltd
Wilkinson Sword Ltd
Windsor, R. H., Ltd
Woodall-Duckham Construction Co. Ltd

ENGINEERING—AERONAUTICAL

Associations, Institutions, Societies, etc.
Aeronautical Inspection Directorate
Aeronautical Research Council
Aeroplane & Armament Experimental Establishment
Aircraft Research Association Ltd
College of Aeronautics
Escuela Especial de Ingenieros Aeronauticos
Institute of Aeronautical Sciences
Instituto Nacional de Tecnica Aeronautica
International Civil Aviation Organization
Ministry of Aviation
Ministry of Transport
Nationaal Luchtvaart Laboratorium (N.L.L.)
National Gas Turbine Establishment
Rocket Propulsion Establishment
Royal Aeronautical Society
Royal Air Force College Library
Royal Aircraft Establishment

Industrial and Commercial Concerns
A.T.S. Co. Ltd
Airmed Ltd
Armstrong Whitworth, Sir W. G.
Blackburn Aircraft Ltd
Boulton Paul Aircraft Ltd
Bristol Aircraft Ltd
Bristol Siddeley Engines Ltd
British Aviation Insurance Co. Ltd
De Havilland Aircraft Co. Ltd
De Havilland Aircraft of Canada Ltd
De Havilland Propellers Ltd
Dowty Group Ltd
English Electric Aviation Ltd
Fairey Aviation Ltd
General Precision Systems Ltd
Gloster Aircraft Co. Ltd
Godfrey, Sir George, & Partners Ltd
High Duty Alloys Ltd
Hunting Aircraft Ltd
Lockheed Aircraft Corporation
Lucas, Joseph, (Gas Turbine Equipment) Ltd
Marconi's Wireless Telegraph Co. Ltd
Napier, D., & Son Ltd
Roe, A. V., & Co. Ltd
Roe, A. V., & Co. Ltd (Weapons Research Division)
Rolls-Royce Ltd
Rotol Ltd & British Messier Ltd
Saunders-Roe Ltd
Short Bros. & Harland Ltd
Sperry Gyroscope Co. Ltd
Svenska Aeroplan Aktiebolaget
Ultra Electronics Ltd
United Aircraft Corporation
Vickers-Armstrongs (Aircraft) Ltd
Wissenschaftliche Gesellschaft für Luftfahrt E.V.

ENGINEERING—AUTOMOBILE

Associations, Institutions, Societies, etc.

Fighting Vehicles Research & Development Establishment (War Dept)
Motor Industry Research Association

Industrial and Commercial Concerns

Angus, George, & Co. Ltd
Austin Motor Co. Ltd
Bristol Siddeley Engines Ltd
British Piston Ring Co. Ltd
Ford Motor Co. Ltd
Hepworth & Grandage Ltd
Midland Motor Cylinder Co. Ltd
Pressed Steel Co. Ltd
Rolls-Royce Ltd
Rover Co. Ltd
Rubery Owen & Co. Ltd
Tecalemit Ltd
Vandervell Products Ltd
Vauxhall Motors Ltd
Wilmot Breeden Laboratories

ENGINEERING—CHEMICAL, *see* CHEMICAL INDUSTRY and CHEMISTRY

ENGINEERING—CIVIL

Associations, Institutions, Societies, etc.

Admiralty. Navy Works Dept
Cement and Concrete Association
Hydraulics Research Station
Institution of Civil Engineers
Kenya. Ministry of Works
Road Research Laboratory (D.S.I.R.)

Industrial and Commercial Concerns

Arup, Ove, & Partners
Balfour Beatty & Co. Ltd
Binnie, Deacon & Gourley
Cementation Co. Ltd
Costain, Richard, Ltd
Halcrow, Sir William, & Partners
Laing, John, & Son Ltd
Limmer & Trinidad Lake Asphalt Co. Ltd
Lind, Peter, & Co. Ltd
Macdonald, Sir M., & Partners
McGladery, S., & Sons Ltd
Motherwell Bridge Contracting and Trading Co. Ltd
Norris Industrial Consultants Ltd
Posford, Pavry & Partners
Shephard, F., & Son Ltd
Sogreah
Soil Mechanics Ltd
Taylor Woodrow Ltd
Underseas Ltd
Victoria State Rivers and Water Supply Commission
Westinghouse Brake & Signal Co. Ltd
Whatlings Ltd
Wimpey, George, & Co. Ltd

ENGINEERING—ELECTRICAL

Associations, Institutions, Societies, etc.

Admiralty. Surface Weapons Establishment
British Electrical and Allied Manufacturers Association Inc.
British Electrical Development Association
Electrical Engineers A.S.E.E. Exhibition Ltd
Electrical Research Association
Institution of Electrical Engineers
Post Office Engineer-in-Chief's Library
Services Electronics Research Laboratory

Industrial and Commercial Concerns

A.E.I. Hotpoint Ltd
Allen West & Co. Ltd
Allen, W. H., Sons & Co. Ltd
Allen-Bradley Company
Aluminium Wire & Cable Co. Ltd
Aron Electricity Meter Ltd
Arrow Electric Switches Ltd
Arvin Electric Ltd
Asea
Associated Electrical Industries Ltd
Automatic Telephone & Electric Co. Ltd
Balfour Beatty & Co. Ltd
Birlec Ltd
Bray, Geo., & Co. Ltd
British Insulated Callender's Cables Ltd
British Telecommunications Research Ltd
Brush Electrical Engineering Co. Ltd
C.A.V. Ltd
Central Electricity Generating Board
Central Water and Power Commission
Chilton Aircraft Co. Ltd
Chloride Electrical Storage Co. Ltd
Clarke, Chapman & Co. Ltd
Coastal Radio Ltd
Collaro Ltd
Compagnie Generale l'Electricite
'Diamond H' Switches Ltd

E.M.I. Electronics Ltd
Electricity Commission of New South Wales
Electroflo Meters Co. Ltd
Electronic Switchgear (London) Ltd
Elliott Brothers (London) Ltd
English Electric Co. Ltd
Ericsson Telephones Ltd
Ferranti Ltd
General Electric Co. Ltd
Harland Engineering Co. Ltd
Harris Engineering Co. Ltd
Hirst Electronic Ltd
Honeywell Controls Ltd
Hoover Ltd
International Aeradio Ltd
Lancashire Dynamo Holdings Ltd
Lansing Bagnall Ltd
London Electric Wire Company and Smiths Ltd
Lonza Electric & Chemical Works Ltd
Lorain Products Corporation
Lucas, Joseph, Ltd
Metal Industries Ltd
Metropolitan-Vickers Electrical Co. Ltd
Micanite & Insulators Co. Ltd
Midgley Harmer Ltd
Morphy-Richards Ltd
Muirhead & Co. Ltd
Mullard Equipment Ltd
North-Western Electricity Board
Northworks Ltd
Parsons, C. A., & Co. Ltd
Pirelli Ltd
Plessey Company Ltd
Pullin, R. B., Ltd
Standard Telecommunications Laboratories Ltd
Standard Telephones & Cables Pty. Ltd
Telegraph Construction & Maintenance Co. Ltd
Telephone Manufacturing Co. Ltd
Texas Instruments Ltd
Thorn Electrical Industries Ltd
Turner, Ernest, Electrical Instruments Ltd
Wego Condenser Co. Ltd
Westinghouse Brake & Signal Co. Ltd

ENGINEERING—HYDRAULIC

Associations, Institutions, Societies, etc.

British Hydromechanics Research Association
Hydraulics Research Station (D.S.I.R.)

Industrial and Commercial Concerns

Allen, W. H., Sons & Co. Ltd
Armfield Hydraulic Co. Ltd
Boby, William, & Co. Ltd
Boving & Co. Ltd
Dowty Group Ltd
Fairey Aviation Ltd
Harland Engineering Co. Ltd
Hayward Tyler & Co. Ltd
Hobson, H. M., Ltd
Loewy Engineering Co. Ltd
Macdonald, Sir M., & Partners
Metal Industries Ltd
Rotol Ltd and British Messier Ltd
Snowy Mountains Hydro-electric Authority
Sogreah
Vickers Armstrongs (Engineers) Ltd
Worthington-Simpson Ltd

ENGINEERING—MARINE

Associations, Institutions, Societies, etc.

British Shipbuilding Research Association
Institute of Marine Engineers
Parsons & Marine Engineering Turbine Research and Development Association

Industrial and Commercial Concerns

Hawker Siddeley Brush Turbines Ltd
Hepworth & Grandage Ltd
Howden, James, & Co. Ltd
Injection Maintenance Ltd
Napier, D., & Sons Ltd
Sogreah
Worthington-Simpson Ltd
Yarrow & Co. Ltd

ENGINEERING—MECHANICAL

Associations, Institutions, Societies, etc.

British Engineers' Association
British Internal Combustion Engine Research Association
Institution of Mechanical Engineers
Institution of Production Engineers
National Engineering Laboratory (D.S.I.R.)

Industrial and Commercial Concerns

Allen, Edgar, & Co. Ltd
Allen, W. H., Sons & Co. Ltd
Armfield Hydraulic Engineering Co. Ltd
Associated Engineering Ltd
Babcock & Wilcox Company
Babcock & Wilcox Ltd
Birfield Developments Ltd
British Timken Ltd
British United Shoe Machinery Co. Ltd
Brown, David, Industries Ltd
Brush Electrical Engineering Co. Ltd
Butterley Co. Ltd
C.A.V. Ltd

Caterpillar Tractor Co.
Centre d'Etudes Pratiques des Techniques de Production
Davey, Paxman & Co. Ltd
Electro-Chemical Engineering Co. Ltd
Elliott Bros (London) Ltd
English Electric Co. Ltd
English Numbering Machines Ltd
Foster Wheeler Ltd
G.K.N. Group Research Laboratory
General Electric Co. Ltd
Godfrey, Sir George, & Partners Ltd
Hawker Siddeley Nuclear Power Co. Ltd
Hobson, M. H., Ltd
Hoover Ltd
Industrial Distributors (Sales) Ltd
Injection Maintenance Ltd
International Computers & Tabulators Ltd
Lansing Bagnall Ltd
Loewy Engineering Co. Ltd
Matbro Ltd
Midgley Harmer Ltd
Mullard Blackburn Works
National Cash Register Co. (Mfg) Ltd
North West Machine Design Co. Ltd
Parsons, C. A., & Co. Ltd
Ransome & Marles Bearing Co. Ltd
Robey & Co. Ltd
Ruston & Hornsby Ltd
Saunders Valve Co. Ltd
Serck Radiators Ltd
Spembly Ltd
Spiral Tube & Components Co. Ltd
Sterne, L., & Co. Ltd
Sutcliffe, Speakman & Co. Ltd
Timken Roller Bearing Co.
Tube Investment Research Laboratories
Verein Deutscher Maschinenbau–Anstalten E.V.
Vokes Ltd
Weir, G. & J., Ltd
Westinghouse Brake & Signal Co. Ltd
West's Gas Improvement Co. Ltd
Whessoe Ltd

EXPORT AGENTS and MERCHANTS

Industrial and Commercial Concerns

Bogala Graphite Ltd
Brendan Butler Ltd
Crown Agents for Overseas Governments & Administrations
Elder, Smith & Co. Ltd
Lawrence Radice Ltd
London Export Corporation Ltd
United Africa Co. Ltd

FILMS

Associations, Institutions, Societies, etc.

British Film Institute
Film Centre Ltd
Film Producers Guild Ltd
Films of Poland
Scientific Film Association

Industrial and Commercial Concerns

Associated British Picture Corporation Ltd
Rayant Pictures Ltd
Shell Petroleum Co. Ltd, Public Relations Department

FINANCE, *see* BANKING, FINANCE, and INSURANCE

FISHERIES, *see* AGRICULTURE, HORTICULTURE, FORESTRY, FISHERIES

FOOD

Associations, Institutions, Societies, etc.

Bread Research Institute of Australia
Brewing Industry Research Foundation
British Baking Industries Research Association
British Food Manufacturing Industries Research Association
Ditton Laboratory (D.S.I.R.)
Food and Agriculture Organisation of the United Nations
Glasshouse Crop Research Institute
Hannah Dairy Research Institute
Low Temperature Research Station (D.S.I.R.)
Ministry of Agriculture, Fisheries and Food
National College of Food Technology
National Institute for Research in Dairying
Pest Infestation Laboratory (D.S.I.R.)
Pig Industry Development Authority
Research Association of British Flour Millers
Tomato & Cucumber Marketing Board
West African Cocoa Research Institute

Industrial and Commercial Concerns

Ajinomoto Co. Inc.
Aplin & Barrett Ltd
Armour & Co.
Bibby, J., & Sons Ltd
Birds Eye Foods Ltd
Birmingham Chemical Co. Ltd
Bovril Ltd
British Cocoa Mills (Hull) Ltd
Britvic Ltd
Cerebos Ltd
Chivers & Sons Ltd
Crosse & Blackwell Ltd
Dairy Produce Packers Ltd
Danish Bacon Co. (Industries) Ltd
Distillers Co. Ltd
Guigos, S.A.
Guinness, Arthur, Son & Co. (Park Royal) Ltd
Heinz, H. J., Co. Ltd
Laing, James, Son & Co. (M/C) Ltd
Lyons, J., & Co. Ltd
Metal Box Co. Ltd
Molassine Co. Ltd
Petfoods Ltd
Polak & Schwarz (England) Ltd
Rank, Joseph, Ltd
Rowntree & Co. Ltd
South African Sugar Association
Spillers Ltd
Tate & Lyle Research Laboratories
Unilever Ltd. Food Research Department
United Dairies Research Laboratory
Weston Research Laboratories Ltd
Wheat Industries (Australia) Pty Ltd
Wright Hargreaves Engineering Co. Ltd

FORESTRY, *see* AGRICULTURE, HORTICULTURE, FORESTRY, FISHERIES

FUEL and POWER—GENERAL

Associations, Institutions, Societies, etc.

Australia. Coal Research Section (C.S.I.R.O.)
British Coal Utilisation Research Association
British Coke Research Association
British Electrical and Allied Manufacturers Association Inc.
British Electrical Development Association
Gas Council
Institute of Fuel
Institute of Petroleum
Institution of Gas Engineers
Ministry of Power
National Gas Association of Australia
National Industrial Fuel Efficiency Service
National Society for Clean Air
World Power Conference

Industrial and Commercial Concerns

British Petroleum Co. Ltd
Calor Gas (Distributing) Co. Ltd
Cawood, Wharton & Co. Ltd
Central Electricity Generating Board
Central Water & Power Commission
Coalite & Chemical Products Ltd
Electricity Commission of New South Wales
Esso Petroleum Co. Ltd
Ewbank & Partners Ltd
Gulf Oil (Great Britain) Ltd
Hopkinsons Ltd
International Combustion (Holdings) Ltd
Lobitos Oilfields Ltd
Merz & McLellan
Mobil Oil Co. Ltd
National Coal Board
North Thames Gas Board
North-Western Electricity Board
North-Western Gas Board
Petroleum Press Service
Petroleum Times Ltd
Powell Duffryn Technical Services Ltd
Shell International Petroleum Co. Ltd
Simon-Carves Ltd
Snowy Mountains Hydro-electric Authority
Victoria State Electricity Commission
Wales Gas Board
West's Gas Improvement Co. Ltd
Woodall-Duckham Construction Co. Ltd

GAS, *see* FUEL and POWER

GEOLOGY and GEOPHYSICS

Associations, Institutions, Societies, etc.

Geological Survey and Museum (D.S.I.R.)
India. Geological Survey
Institution of Mining and Metallurgy
Meteorological Office Library
Overseas Geological Surveys
Royal Astronomical Society
Royal Meteorological Society
Société Nationale des Petroles d'Aquitaine

Industrial and Commercial Concerns

Bataafsche Petroleum Maatschappij N.V.
British Petroleum Co. Ltd
Hunting Surveys Ltd
Shell International Co. Ltd

GLASS, *see* CERAMICS, GLASS, CEMENT, and CONCRETE

GOVERNMENT DEPARTMENTS

Aeronautical Inspector Directorate
Aeronautical Research Council
Aeroplane & Armament Experimental Establishment
Armament Research and Development Establishment
Australia. National Standard Laboratories
Australia. Weapons Research Establishment
Belgian Congo. Service Meteorologique
Biologische Bundesanstalt für Land- und Forstwirtschaft
Board of Trade Library
Building Operations Research Unit
Building Research Station
Burma. Union of Burma Applied Research Institute
Canada. Defence Research Board
Central Office of Information
Chemical Defence Experimental Establishment (War Dept)
Civil Defence Staff College
Colonial Office Library
Commonwealth Relations Office
Córas Tráctála Teoranta
Customs and Excise
Department of Scientific and Industrial Research
Director General Electronics Research & Development (Technical Administration)
Directorate of Guided Weapons
Explosives Research and Development Establishment (Ministry of Aviation)
Fighting Vehicles Research and Development Establishment
Foreign Office Printed Library
Forest Products Research Laboratory (D.S.I.R.)
Forestry Commission Library
France. Commissariat a l'Energie Atomique
Geological Survey and Museum (D.S.I.R.)
Ghana. Ministry of Agriculture
Home Office
House of Commons Library
Hydraulics Research Station (D.S.I.R.)
India. Geological Survey
India. Ministry of Railways
India. Office of the High Commissioner
India Office Library
Inland Revenue Department
Israel. Ministry of Defense
Italy. Consiglio Nazionale delle Ricerche
Joint Fire Research Organization (D.S.I.R.)
Joint Technical Language Section
Kenya. Ministry of Works
Low Temperature Research Station (D.S.I.R.)
Meteorological Office Library
Microbiological Research Establishment
Ministry of Agriculture, Fisheries and Food
Ministry of Aviation
Ministry of Defence
Ministry of Education
Ministry of Health
Ministry of Housing and Local Government
Ministry of Labour and National Service. Factory Department, Intelligence Branch
Ministry of Pensions and National Insurance
Ministry of Power
Ministry of Transport
Ministry of Works Library
National Assistance Board
National Engineering Laboratory (D.S.I.R.)
National Gas Turbine Establishment
National Physical Laboratory (D.S.I.R.)
National Science Foundation Library
Nature Conservancy
New Zealand Department of Scientific and Industrial Research
New Zealand General Post Office
Nigeria. Ministry of Agriculture, Regional Research Station
Nigeria. Department of Commerce and Industries
Northern Ireland. Department of Industrial and Forensic Science
Office of Naval Research
Ordnance Survey Department
Patent Office Library
Pest Infestation Laboratory (D.S.I.R.)
Police College
Post Office Engineer-in-Chief's Library
Post Office Library
Prison Commission Pathology Laboratory
Radio Research Station (D.S.I.R.)
Rhodesia and Nyasaland. Scientific Liaison Office
Road Research Laboratory (D.S.I.R.)
Rocket Propulsion Establishment
Royal Arsenal
Royal Botanic Garden, Edinburgh
Royal Botanic Gardens, Kew
Royal Greenwich Observatory
Royal Radar Establishment
Safety in Mines Research Establishment
St Andrew's House Library
Science Museum Library
Scottish Home Department Marine Laboratory
Scottish Police College
Services Electronics Research Laboratory
Signals Research and Development Establishment (Ministry of Aviation)
Social Survey
South Africa. Council for Scientific and Industrial Research
South Africa. Department of Agriculture
South Africa. Parliament Library
South African Railways

Spain. Consejo Superieur Investigaciones Cientificas
Stationery Office
Statistisk Sentralbyras Bibliotek
Sudan Ministry of Agriculture
Torry Research Station (D.S.I.R.)
Transvaal Education Department
Treasury and Cabinet Office
Tropical Products Institute
United States. Department of State
Ustav pro Technicke a Ekonomicke Informace
Victoria State Electricity Commission
War Office Library
Water Pollution Research Laboratory (D.S.I.R.)

HEATING and VENTILATING

Associations, Institutions, Societies, etc.
Electrical Research Association
Heating & Ventilating Research Association
National College for Heating, Ventilating, Refrigeration and Fan Engineering

Industrial and Commercial Concerns
Bookers Engineering Holdings Ltd
Colt Ventilation Ltd
General Electric Co., U.S.A.
Harris Engineering Co. Ltd
Keith Blackman Ltd
Pressed Steel Co. Ltd
Rheostatic Co. Ltd
Spiral Tube & Components Co. Ltd
Tack Air Conditioning Ltd
Waterbury Ltd

HORTICULTURE, *see* AGRICULTURE, HORTICULTURE, FORESTRY, FISHERIES

INSTRUMENTS

Associations, Institutions, Societies, etc.
British Scientific Instrument Research Association

Industrial and Commercial Concerns
Airmed Ltd
Aron Electricity Meter Ltd
British Thermostat Co. Ltd
Cossor Radar & Electronics Ltd
Dawe Instruments Ltd
De Havilland Propellers Ltd
Drayton Regulation & Instrument Co. Ltd
Edwards High Vacuum Ltd
Electroflo Meters Co. Ltd
Electronic Tubes Ltd
English Numbering Machines Ltd
Ericsson Telephones Ltd
Griffin & George (Research & Development) Ltd
Hilger & Watts Ltd
Honeywell Controls Ltd
Hopkinsons Ltd
IBM World Trade Laboratories (Great Britain) Ltd
Kelvin & Hughes Ltd
Kent, George, Ltd
Muirhead & Co. Ltd
Nash & Thompson Ltd
Panellit Ltd
Perkin-Elmer Ltd
Pullin, R. B., & Co. Ltd
Racal Engineering Ltd
Recorder Charts Ltd
Rheostatic Co. Ltd
Simmonds Aerocessories Ltd
Sperry Gyroscope Co. Ltd
Unicam Instruments Ltd
Wilkinson Sword Ltd

INSURANCE, *see* BANKING, FINANCE, and INSURANCE

INTERNATIONAL RELATIONS

Advisory Group for Aeronautical Research & Development (AGARD)
American Embassy
American Library
Belgian Embassy
British Council. Book Department
British Council. Medical Department
British Council Representative. Rome
British Council. Science Library
Ciba Foundation
Colonial Office Library
Commonwealth Institute
Commonwealth Relations Office
Czechoslovakian Embassy

English Speaking Union
Foreign Office Printed Library
Germany. Embassy of the Federal Republic
Hispanic and Luso-Brazilian Councils
Hungarian Legation
India. Office of the High Commissioner
India Office Library
International Civil Aviation Organization
International Council of Nurses
International Labour Office
Israel Embassy
Japanese Embassy, Ankara
Keesing's Publications Ltd
Royal Commonwealth Society
Royal Institute of International Affairs
Spanish Embassy
Unesco. Centro de Co-operacion Cientifica para America Latina
Unesco Library
Unesco. Middle East Science Co-operation Office
Unesco. Science Co-operation Office for South-East Asia
United Nations. Economic Commission for Latin America
United Nations Library
Wiener Library
World Federation of Scientific Workers
World Power Conference. British National Committee

LEARNED SOCIETIES and RESEARCH INSTITUTIONS

Ahmedabad Textile Industry's Research Association
Aircraft Research Association Ltd
Arthur D. Little Research Institute
Australia. Commonwealth Scientific and Industrial Research Organization
Battelle Institute e.v.
Battelle Institute Ltd
Battelle Memorial Institute
Bread Research Institute of Australia
British Baking Industries Research Association
British Boot, Shoe and Allied Trades Research Association
British Cast Iron Research Association
British Ceramic Research Association
British Coal Utilisation Research Association
British Coke Research Association
British Cotton Industry Research Association
British Film Institute
British Food Manufacturing Industries Research Association
British Glass Industry Research Association
British Hat and Allied Feltmakers Research Association
British Hydromechanics Research Association
British Internal Combustion Engine Research Association
British Iron and Steel Research Association
British Jute Trade Research Association
British Launderers' Research Association
British Non-Ferrous Metals Research Association
British Paper and Board Industry Research Association
British Rayon Research Association
British Rubber Producers' Research Association
British Scientific Instrument Research Association
British Shipbuilding Research Association
British Society for Research in Agricultural Engineering
British Steel Castings Research Association
British Welding Research Association
Burma. Union of Burma Applied Research Institute
Cambridge Philosophical Society
Canada. National Research Council
Cancer Institute Board
Centrale Organisatie T.N.O.
Ceylon. Medical Research Institute
Ceylon Institute of Scientific and Industrial Research
Chalk Lime and Allied Industries Research Association
Chartered Institute of Secretaries
Chartered Insurance Institute
Chemara Research Station
Chemical Society
Copper Development Association
Department of Scientific and Industrial Research
Deutsche Gesellschaft für Forschung im Graphischen Gewerbe E.V.
East African Virus Research Institute
Electrical Research Association
Finland. State Institute for Technical Research
Fulmer Research Institute Ltd
Glasshouse Crops Research Institute
Grassland Research Institute
Hispanic & Luso-Brazilian Councils
Hosiery & Allied Trades Research Association
Hungary. Magyar Tudomanyos Akademia Konyvtara
Hyderabad. Regional Research Laboratory
Indian Institute of Science
Ingeniorsvetenskapsakademien
Institut Français de Récherches Fruitières
Institute of Aeronautical Sciences
Institute of Animal Physiology
Institute of Archaeology
Institute of Cancer Research
Institute of Cost and Works Accountants
Institute of Historical Research
Institute of Linguists
Institute of Marine Engineers
Institute of Metals
Institute of Ophthalmology

Institute of Petroleum
Institute of Physics
Institute of Psychiatry
Institute of Psycho-Analysis
Institute of Textile Technology
Institute of Transport
Institute of Welding
Institution of Chemical Engineers
Institution of Civil Engineers
Institution of Electrical Engineers
Institution of Engineering Inspection
Institution of Engineers
Institution of Engineers and Shipbuilders in Scotland
Institution of Gas Engineers
Institution of Mechanical Engineers
Institution of Mining Engineers
Institution of Mining and Metallurgy
Institution of Production Engineers
Institution of the Rubber Industry
Institution of Structural Engineers
Instituto Centro Americano de Investigación y Technología Industrial
Instituto de Investigaçao Cientifica de Angola
Instituto Tecnologico
Instytut Biologiczno Doswiaczalny im. Nenckiego. P.A.N.
International African Institute
Iron and Steel Institute
Italy. Consiglio Nazionale delle Ricerche
John Innes Horticultural Institution
Joint Fire Research Organization
Lace Research Association
Marine Biological Association of the United Kingdom
Medical Research Council. Dept for Research in Industrial Medicine
Medical Research Council. Toxicology Research Unit
Mellon Institute
Microbiological Research Establishment (Ministry of Supply)
Motor Industry Research Association
Nationaal Luchtvaart Laboratorium (N.L.L.)
National Book League
National Foundation for Educational Research
National Institute for Research in Dairying
National Institute of Economic and Social Research
National Institute of Industrial Psychology
National Institute of Oceanography
National Physical Laboratory (D.S.I.R.)
National Research Centre of Egypt
National Society for Clean Air
National Vegetable Research Station
New Zealand. Department of Scientific and Industrial Research
Nigeria. Federal Institute of Industrial Research
Norges Byggforskninsinstitutt
Norway. Forsvarets Forskningsinstitutt
Nova Scotia Research Foundation
Parsons and Marine Engineering Turbine Research and Development Association
Patronato Juan de la Cierva
Plastics Institute
Production Engineering Research Association of Great Britain
Queensland Institute of Medical Research
Research Association of British Flour Millers
Research Association of British Paint, Colour and Varnish Manufacturers
Research Association of British Rubber Manufacturers
Research Council of the British Whiting Federation
Research Council of Israel
Research Organization of Ships Compositions Manufacturers Ltd
Roll Makers' Association Research Technical Committee
Rothamsted Experimental Station
Royal Aeronautical Society
Royal Agricultural Society
Royal Astronomical Society
Royal College of Physicians
Royal College of Physicians of Edinburgh
Royal Commonwealth Society
Royal Dublin Society
Royal Greenwich Observatory
Royal Institute of British Architects
Royal Institute of International Affairs
Royal Institute of Public Administration
Royal Institution of Chartered Surveyors
Royal Institution of Great Britain
Royal Meteorological Society
Royal Photographic Society of Great Britain
Royal Society, The
Royal Society for the Prevention of Accidents
Royal Society of Arts
Royal Statistical Society
Scott Polar Research Institute
Scottish Horticultural Research Institute
Scottish Marine Biological Association
Scripps Institution of Oceanography
Social Sciences Documentation
South Africa. Council for Scientific and Industrial Research
Stanford Research Institute
Statny Výzkumný Ústav Materiálu a Technologie
Texas Engineers' Library
Textile Institute
Tin Research Institute
Tobacco Research Board of Rhodesia & Nyasaland
Tropical Products Institute
Universities Federation for Animal Welfare
Water Research Association
Wellcome Historical Medical Library
West African Institute of Trypanosomiasis Research
Wiener Library
Wool Industries Research Association
Zinc Development Association
Zoological Society of London

LIBRARIANSHIP, *see* DOCUMENTATION and LIBRARIANSHIP

MANAGEMENT, including ACCOUNTANCY

Associations, Institutions, Societies, etc.

Administrative Staff College
Ashridge College
British Institute of Management
Chartered Institute of Secretaries
College of Estate Management
Incorporated Society of Auctioneers and Landed Property Agents
Industrial Management Research Association
Industrial Welfare Society (Inc.)
Institute of Chartered Accountants
Institute of Cost and Works Accountants
Institution of Engineering Inspection
Institution of Production Engineers
International Labour Office
Irish Management Institute
London County Council Members' Library
Metal Trades Employers' Association
National Institute of Industrial Psychology
Operational Research Society
Production Engineering Research Association of Great Britain
Svenska Arbetsgivareföreningens Bibliotek
Trades Union Congress Library

Industrial and Commercial Concerns

British Association for Commercial & Industrial Education
Harrods Ltd, Staff Training Department
IBM, United Kingdom Ltd
IBM World Trade Laboratories (Great Britain) Ltd
Industrial Administration (R & A) Ltd
International Computers & Tabulators Ltd
Lewis, John, & Co. Ltd
Lewis's Ltd
M.W.M. (London) Ltd
McKinsey & Co. Inc.
Marks & Spencer Ltd
Martech Consultants Ltd
N.U.M.A.S. Ltd
Norma Skemp Ltd
Personnel Administration Ltd
Production-Engineering Ltd
Urwick Orr & Partners Ltd
Wallace Attwood Company

MANUFACTURED PRODUCTS—GENERAL

Associations, Institutions, Societies, etc.

Council of Industrial Design

Industrial and Commercial Concerns

A.E.I. Hotpoint Ltd
Angus, George, & Co. Ltd
Astral Equipment Ltd
Bisley, H. & G., Ltd
British-American Tobacco Co. Ltd
British Ropes Ltd
Chilton Aircraft Co. Ltd
Chiswick Products Ltd
Co-operative Wholesale Society Ltd
Cornercroft Ltd
County Laboratories Ltd
Dexion Ltd
Domestos Ltd
Ellams Duplicator Co. Ltd
Glover, J., & Sons Ltd
Greening, N., & Sons Ltd
Hirst Electronic Ltd
Holt Products Ltd
Hoover Ltd
Hopkinsons Ltd
Impregnated Diamond Products Ltd
McGladery, S., & Sons Ltd
Minnesota Mining & Manufacturing Co. Ltd
Morphy-Richards Ltd
National Cash Register Co. (Mfg) Ltd
Remploy Ltd
Ronson Products Ltd
Saunders Valve Co. Ltd
Shopfitting Research and Development Council
Sykes, W. E., Ltd
Tayside Floorcloth Co. Ltd
Tilley Lamp Co. Ltd
Unilever Ltd
United Shoe Machinery Corporation
Victa Design Co. Pty Ltd
Walterisation Co. Ltd
Wilkinson Sword Ltd
Yale & Towne Manufacturing Co., The

MARKET RESEARCH

Associations, Institutions, Societies, etc.

Advertising Association
Consumers' Association Ltd
Coras Tractala
Tomato & Cucumber Marketing Board

Industrial and Commercial Concerns

Analytical European Surveys Ltd
British Market Research Bureau Ltd
Clifford Bloxham & Partners Ltd
Co-operative Wholesale Society Ltd
Foote, Cone & Belding Ltd
London Press Exchange Ltd
McCann-Erickson Advertising Ltd
Martech Consultants Ltd
Masius & Fergusson Ltd
Medical Mailing Co. Ltd
Motivational & Social Research Centre Ltd

Nielsen, A. C., Co. Ltd
Noel-Brown, S. J., & Co. Ltd
Pemberton, Alfred, Ltd
Plan (International) Ltd
Pritchard Wood & Partners Ltd
Research & Marketing Ltd
Sharp, Robert, & Partners Ltd
Smiths Advertising Agency Ltd
Stuart Advertising Agency Ltd
Thompson, J. Walter, & Co. Ltd
Willings Press Services Ltd

MEDICINE

Associations, Institutions, Societies, etc.

British Council. Medical Department
British Medical Association
British Optical Association
Cancer Institute Board
Central Public Health Laboratory
Ceylon. Medical Research Institute
Ciba Foundation
Chilean Iodine Educational Bureau
Göteborg. Medicinska Fakultetens Bibliotek
Helsinki University. Ophthalmic Clinic Library
Institute of Cancer Research
Institute of Ophthalmology
Institute of Psychiatry
Medical Research Council. Dept for Research in Industrial Medicine
Medical Research Council. Toxicology Research Unit
Ministry of Health
Montevideo. Universidad, Faculdad de Medicina, Biblioteca
National Blood Transfusion Service
National Library of Medicine
New York State University Library
Pharmaceutical Society of Great Britain
Postgraduate Medical School of London
Prison Commission Pathology Laboratory
Queensland Institute of Medical Research
R.A.F. Institute of Aviation Medicine
Royal Army Medical College
Royal College of Nursing
Royal College of Physicians
Royal College of Physicians of Edinburgh
Royal College of Surgeons of England
Royal Dental Hospital of London
Royal Free Hospital
Royal Free Hospital School of Medicine
St Thomas' Hospital Medical School
Wellcome Foundation Ltd, The
Wellcome Historical Medical Library
West African Institute of Trypanosomiasis Research
Zagreb University, Central Medical Library

Industrial and Commercial Concerns

Bayer Products Ltd
British Drug Houses Ltd
British Schering Ltd
Ciba Laboratories
Distillers Co. (Biochemicals) Ltd
Evans Medical Ltd
Johnson & Johnson (Gt Britain) Ltd
May & Baker Ltd
Miles Laboratories Ltd
Nigeria. Central Medical Library
Organon Laboratories Ltd
Smith, Kline & French Laboratories Ltd
Squibb Institute for Medical Research
Wyeth, John, & Brothers Ltd

METAL INDUSTRIES—GENERAL

Associations, Institutions, Societies, etc.

British Welding Research Association
Instytut Metalurgii im S. Staszica
Isstituto Siderurgico Finsider
Lead Development Association
National Association of Drop Forgers & Stampers
Worshipful Company of Goldsmiths

Industrial and Commercial Concerns

Allen, Edgar, & Co. Ltd
B.S.A. Group Research Centre
Bolton, Thomas, & Sons Ltd
Canning, W., & Co. Ltd
Capper Pass & Son Ltd
Crown Cork Co. Ltd
Dexion Ltd
Doncaster, Daniel, & Sons Ltd
Electro-Chemical Engineering Co. Ltd
Foundry Services International Ltd
Greening, N., & Sons Ltd
Guillermo Decker S.A.
Head Wrightson & Co. Ltd
Imperial Chemical Industries Ltd. Metals Division
Incandescent Heat Co. Ltd
Luxfer Ltd
Metals Research Ltd
Mond Nickel Co. Ltd
National Smelting Co. Ltd
New London Electron Works Ltd
Rhoanglo Mine Services Ltd
Spiral Tube & Components Co. Ltd
Sterne, L., & Co. Ltd
Tube Investments Ltd
Tube Investments Research Laboratories
V.D.M. Spinners Ltd
Vandervell Products Ltd
Wellington Tube Works Ltd

METAL INDUSTRIES—FERROUS

Associations, Institutions, Societies, etc.

British Cast Iron Research Association
British Iron and Steel Research Association
British Steel Castings Research Association
Centro de Industriales Siderurgicos
Iron and Steel Institute
Jernkontoret
Sociadad Mixta Siderugia Argentina

Industrial and Commercial Concerns

Allen, Edgar, & Co.
Britalian Steel Construction Co.
Brown-Firth Research Laboratories
Colvilles Ltd
Consett Iron Co. Ltd
G.K.N. Group Research Laboratory
Gillette Industries Ltd
Hingley, N., & Sons Ltd
Inland Steel Company
International Meehanite Metal Co. Ltd
Johnson, Richard, & Nephew Ltd
Koninklijke Nederlandsche Hoogovens en Staalfabrieken N.V.
Midland Motor Cylinder Co. Ltd
Redheugh Iron & Steel Co. (1936) Ltd
Rylands Brothers Ltd
South African Iron & Steel Industrial Corporation Ltd
Stanton Ironworks Co. Ltd
Steetley Magnesite Company Ltd
Stewarts & Lloyds Ltd
Tata Iron & Steel Co. Ltd
Thomas, Richard, & Baldwins Ltd
Timken Roller Bearing Co.
United Steel Companies Ltd
Walterisation Co. Ltd
Wilkinson Sword Ltd

METAL INDUSTRIES—NON-FERROUS

Associations, Institutions, Societies, etc.

Aluminium Development Association
British Non-Ferrous Metals Research Association
Copper Development Association
Tin Research Institute
Zinc Development Association

Industrial and Commercial Concerns

Alcan (U.K.) Ltd
Aluminium Laboratories Ltd
Aluminium Wire & Cable Co. Ltd
Associated Lead Manufacturers Ltd
Austral Development Ltd
Bolton, Thomas, & Sons Ltd
British Aluminium Co. Ltd
British Insulated Callender's Cables Ltd
Capper Pass & Son Ltd
Companhia União Fabril
Consolidated Tin Smelters Ltd
Consolidated Zinc Corporation Ltd
Electrolytic Zinc Co. of Australia Ltd
High Duty Alloys Ltd
Imperial Chemical Industries Ltd
Institute of Metals
Johnson, Matthey & Co. Ltd
Johnson, Richard, & Nephew Ltd
Kaiser Aluminium & Chemical Corporation
Magnesium Elektron Ltd
Mond Nickel Co. Ltd
Serck Radiators Ltd
Yorkshire Imperial Metals Ltd

MINING and MINERALS

Associations, Institutions, Societies, etc.

Institution of Mining Engineers
Institution of Mining and Metallurgy
Jernkontoret
Overseas Geological Surveys
Research Council of the British Whiting Federation
Safety in Mines Research Establishment
Transvaal and Orange Free State Chamber of Mines
Warren Spring Laboratory

Industrial and Commercial Concerns

Bogala Graphite Ltd
British Industrial Sand Ltd
Broken Hill Pty Co. Ltd
Cementation Co. Ltd
Consolidated Tin Smelters Ltd
Consolidated Zinc Corporation Ltd
Electrolytic Zinc Co. of Australia Ltd
Fullers' Earth Union Ltd
Hinckleys Ltd
Imperial Chemical Industries Ltd
Industrial Distributors (Sales) Ltd
Inland Steel Company
Israel Mining Industries Laboratories
National Coal Board
National Smelting Co. Ltd
Pittsburgh Consolidation Coal Company
Rhoanglo Mine Services Ltd
Rio Tinto Management Services (U.K.) Ltd
Robey & Co. Ltd
Rubber Improvement Ltd
Shelton Iron Steel & Coal Co. Ltd
United Steel Companies Ltd
Vickerys Ltd

MUSIC

English Folk Dance & Song Society

NATIONAL LIBRARIES

Australia. Commonwealth National Library
Belgium. Bibliothèque Royale
British Museum
British Museum (Natural History)
Department of Scientific & Industrial Research, Lending Library Unit
France. Bibliothèque Nationale
India. National Library
Ireland. National Library
Israel. Jewish National and University Library
Japan. National Diet Library
National Central Library
National Library of Medicine
National Library of Wales
New Zealand National Library Service
Országos Szechenyi Könyvtár
Österreichische National Bibliothek
Patent Office Library
Poland. Biblioteka Narodowa
Raffles National Library
Rhodesia and Nyasaland. National Archives
Science Museum Library
Scottish Central Library
Turkey. Milli Kutuphane

NEWSPAPERS and NEWS AGENCIES

Christian Science Monitor
Daily Telegraph
Economist
Engineering
Financial Times Ltd
The Guardian
News Chronicle
Scope Ltd
Tass Agency

PACKAGING

Associations, Institutions, Societies, etc.

Printing, Packaging and Allied Trades Research Association

Industrial and Commercial Concerns

Bowater Research & Development Ltd
British Cellophane Ltd
British Xylonite Co. Ltd
Commercial Plastics Ltd
Dairy Produce Packers Ltd
Danish Bacon Co. (Industries) Ltd
Dawley Brook Papers Ltd
E.P.S. Ltd
Metal Box Co. Ltd
Reed, Albert E., & Co. Ltd
Stevenson, Hugh, & Sons Ltd
Thames Board Mills Ltd
United Glass Ltd

PAINTS, OIL, and VARNISHES

Associations, Institutions, Societies, etc.

Research Association of British Paint, Colour and Varnish Manufacturers
Research Organisation of Ships Compositions Manufacturers Ltd

Industrial and Commercial Concerns

Arnold, P. & J., Ltd
Associated Lead Manufacturers Ltd
Associated Portland Cement Manufacturers Ltd
Balm Paints Pty Ltd
Campbell, Rex, & Co. Ltd
Clark, Henry, & Sons Ltd
Coates Bros & Co. Ltd
Du Pont de Nemours, E. I., & Co.
Dussek Bros & Co. Ltd
Fleming, A. B., & Co. Ltd
Fletcher Miller Ltd
Imperial Chemical Industries Ltd
Laporte Titanium Ltd
Micafine Ltd
Sandeman Bros. Ltd
Scott Bader & Co. Ltd

PAPER, *see* PRINTING and PAPER INDUSTRIES

PATENT AGENTS

Allam & Tregear
Boult, Wade & Tennant
Carpmaels & Ransford
Dehn, Frank B., & Co.
Forrester, Ketley & Co.
Gill, Jennings & Every
Kemp, J. A., & Co.
Mewburn, Ellis & Co.
Page, White & Farrer
Sanderson & Co.
Thompson, W. P., & Co.
Young, D., & Co.

PETROLEUM

Associations, Institutions, Societies, etc.

Institute of Petroleum

Industrial and Commercial Concerns

Arabian American Oil Co.

BP Refinery (Llandarcy) Ltd
Bataafsche International Petroleum Maatschappij, N.V.
Benzole Producers Ltd
British Petroleum Co. Ltd
Caltex Services Ltd
Carless, Capel & Leonard Ltd
Esso Petroleum Co. Ltd
Esso Research Ltd
Gulf Oil (Great Britain) Ltd
Iraq Petroleum Co. Ltd
Kellogg International Corporation
Koninklijke/Shell Laboratorium
Kuwait Oil Company Ltd
Laboratoires de Recherches Purfina
Lobitos Oilfields Ltd
Manchester Oil Refinery Ltd
Mobil Oil Company Ltd
National Iranian Oil Company
Petroleum Press Service
Petroleum Times Ltd
Shell International Petroleum Co. Ltd
'Shell' Research Ltd
Société Nationale des Pétroles d'Aquitaine
Texas Company
Wakefield, C. C., & Co. Ltd

PHARMACEUTICAL PRODUCTS and PHARMACY

Associations, Institutions, Societies, etc.
Pharmaceutical Society of Great Britain
School of Pharmacy
Wellcome Foundation Ltd

Industrial and Commercial Concerns
Allen & Hanburys Ltd
Aplin & Barrett Ltd
Ashburton Chemical Works Ltd
Aspro-Nicholas Ltd
Bayer Products Ltd
Beecham Research Laboratories Ltd
British Drug Houses Ltd
British Schering Ltd
Carus, Alexander, & Sons Ltd
Ciba Laboratories
Ciba Ltd
Cyanamid of Great Britain Ltd
Distillers Company (Biochemicals) Ltd
Evans Medical Ltd
Genatosan Ltd
Glaxo Laboratories Ltd
Howards of Ilford Ltd
Imperial Chemical Industries Ltd
Johnson & Johnson (Gt Britain) Ltd
Lilly Research Laboratories Library
May & Baker Ltd
Miles Laboratories Ltd
Organon Laboratories Ltd
Parke, Davis & Co. Ltd
Pfizer Ltd
Reckitt & Sons Ltd
Sandoz Ltd
Searle, G. D., & Co. Ltd
Smith Kline & French Laboratories Ltd
Smith & Nephew Research Ltd
Smith, T. & H., Ltd
Squibb Institute for Medical Research
Vitamins Ltd
Warner, William, & Co. Ltd
Westbrook Lanolin Co.
Westminster Laboratories Ltd
Wright Layman & Umney Ltd
Wyeth, John, & Brother Ltd

PHOTOGRAPHY and DOCUMENT REPRODUCTION

Associations, Institutions, Societies, etc.
Insdoc. (Indian National Scientific Documentation Centre)
London School of Printing and Graphic Arts
Royal Photographic Society of Great Britain

Industrial and Commercial Concerns
Ilford Ltd
Kodak Ltd
Mason, E. N., & Sons Ltd
Micro Methods Ltd
Ozalid Company Ltd
Rank Precision Industries Ltd
University Microfilms Inc. (Gt Britain) Ltd
Ustredni Technicka Knihovna C.S.R.
Wansdyke Security Ltd
West, A., & Partners Ltd

PLASTICS

Associations, Institutions, Societies, etc.
British Plastics Federation
Plastics Institute

Industrial and Commercial Concerns
B.I.P. Chemicals Ltd
B.X. Plastics Ltd
Bakelite Ltd
Beck, Koller & Co. (England) Ltd
Boake, A., Roberts & Co. Ltd
British Cellophane Ltd
British Geon Ltd
British Hydrocarbon Chemicals Ltd
British Oxygen Research & Development Ltd
British Xylonite Co. Ltd
Brockhouse & Co. Ltd
Brown & Forth Ltd
Burts & Harvey Ltd
Campbell, Rex, & Co. Ltd

Ciba (A.R.L.) Ltd
Commercial Plastics Ltd
De La Rue Co. Ltd
Distillers Company Ltd
Du Pont de Nemours, E. I., & Co.
E.P.S. (Research & Development) Ltd
Fibreglass Ltd
Formica Ltd
Hamlin, B. J., Ltd
High Polymer & Petro-Chemical Engineering Ltd
I.C.I. (Hyde) Ltd
Imperial Chemical Industries Ltd
Marley Tile Co. Ltd
Micanite & Insulators Co. Ltd
Midland Silicones Ltd
Monsanto Chemicals Ltd
Nelsons Acetate Ltd
Petrochemicals Ltd
Pure Chemicals Ltd
Revertex Ltd
Rubber Improvement Ltd
Scott Bader & Co. Ltd
Spembly Ltd
Storey Brothers & Company Ltd
Tayside Floorcloth Co. Ltd
Tecalemit Ltd
Telegraph Construction & Maintenance Co. Ltd
United Glass Ltd
Vinyl Products Limited
Windsor, R. H., Ltd
Yarsley Research Laboratories Ltd
Yorkshire Imperial Metals Ltd

PRINTING and PAPER INDUSTRIES

Associations, Institutions, Societies, etc.

British Paper and Board Industry Research Association
British Paper and Board Makers' Association
Deutsche Gesellschaft für Forschung im Graphischen Gewerbe e.v.
London School of Printing and Graphic Arts
Printing, Packaging and Allied Trades Research Association

Industrial and Commercial Concerns

Arnold, P. & J., Ltd
Australian Paper Manufacturers Ltd
Bowater Research & Development Co. Ltd
Chiswick Products Ltd
Clondalkin Paper Mills Ltd
Coates Bros & Co. Ltd
Copigraph Ltd
Cowan, Alex., & Sons Ltd
Dawley Brook Papers Ltd
De La Rue Co. Ltd
Griffith, W. P., & Sons Ltd
Keskuslaboratorio-Centrallaboratorium AB
Mason, E. N., & Sons Ltd
Metal Box Co. Ltd
Ozalid Company Ltd
Paul, K. S., (Printing Machinery) Ltd
Portals Ltd
Recorder Charts Ltd
Reed, Albert E., & Co. Ltd
Rizla Cigarette Papers Ltd
Stevenson, Hugh, & Sons Ltd
Svenska Cellulosa Aktiebolaget
Thames Board Mills Ltd
Vickerys Ltd
Wall Paper Manufacturers Ltd
West, A., & Partners Ltd
West Virginia Pulp & Paper Co.
Wiggins Teape Group Research Organization

PSYCHOLOGY

Admiralty. Senior Psychologist's Department
Australia. Mental Hygiene Authority's Central Library
Institute of Psychiatry
Institute of Psycho-Analysis
National Institute for the Deaf
National Institute of Industrial Psychology
Tavistock Institute of Human Relations

PUBLIC LIBRARIES

Aberdeen Public Library
Accrington Public Library
Acton Public Libraries
Airdrie Public Library
Arhus Kommunes Biblioteker
Atherton Public Library
Ayr County Library
Barrow-in-Furness Public Library
Bath Municipal Libraries
Battersea Public Library
Beckenham Public Libraries
Bedfordshire County Library
Belfast City Library
Belfast Public Libraries
Bermondsey Public Libraries
Bethnal Green Public Libraries
Bexley Public Libraries
Bilston Public Library
Birkenhead Public Libraries
Birmingham Public Libraries
Blackburn Public Library
Blackpool Public Libraries
Bolton Public Libraries
Bournemouth Public Libraries
Bradford City Libraries
Breconshire County Library
Brentford and Chiswick Public Libraries
Brierley Hill Public Libraries
Brighton Public Libraries
Bristol Public Libraries
Bromley Public Libraries
Buckinghamshire County Library

PUBLIC LIBRARIES—*contd.*

Burnley Public Libraries
Burton upon Trent Public Library
Bury Public Library
Buxton Public Library
California State Library
Camberwell Public Libraries
Cambridge City Libraries
Cardiff Public Libraries
Cardiganshire Joint Library
Carlisle Public Library
Castleford Public Libraries and Museum
Chatham Public Library
Chelmsford Public Library
Chelsea Public Library
Cheltenham Public Library
Cheshire County Library
Chester Public Library
Chesterfield Public Library
Chislehurst and Sidcup Libraries
Clackmannan County Library
Clydebank Public Library
Coatbridge. Carnegie Public Library
Colombo Public Library
Colwyn Bay Public Library
Cork City Public Library
Cornwall County Library
Coventry City Libraries
Crewe Public Library
Croydon Public Libraries
Cumberland County Library
Dagenham Public Libraries
Danmarks Tekniske Bibliotek
Darlington. Edward Pease Public Library
Dartford Public Libraries
Darwen Public Library
Denbighshire County Library
Deptford Public Libraries
Derby Public Libraries
Derbyshire County Library
Detroit Public Library
Devon County Library
Doncaster Public Libraries
Dublin Public Libraries
Dudley Public Libraries
Dumfries County Council Library Service
Dun Laoghaire Public Libraries
Dundee Public Libraries
Dunfermline Public Library
Durham County Library
Ealing Public Libraries
East Riding County Library
Eccles Public Library
Edinburgh Libraries and Museums Department
Essex County Library
Exeter City Library
Falkirk Public Library
Fielden Public Library
Fife County Library
Finchley Public Libraries
Finsbury Public Libraries
Flint County Library
Fulham Public Libraries
Gillingham Public Libraries
Glamorgan County Library
Glasgow Corporation Public Libraries
Gloucester City Libraries
Gosport Public Libraries
Grangemouth. Victoria Public Library
Grantham Public Library
Great Yarmouth Public Libraries
Greenwich Public Libraries
Grimsby Public Library
Guildford Public Library
Guildhall Library
Hackney Public Libraries
Halifax Public Libraries
Hamilton Public Library
Hammersmith Public Libraries
Hampshire County Library
Hampstead Central Library
Hastings Public Library
Hendon Public Libraries
Hereford City Library
Hertfordshire County Library
Heston and Isleworth Public Libraries
High Wycombe Public Library
Holborn Public Libraries
Hornsey Public Libraries
Huddersfield Public Libraries
Ilford Municipal Libraries
Ilkeston Public Library
Ipswich County Borough Libraries
Islington Public Libraries
Jamaica Library Service
Johannesburg Public Library
John Crerar Library
Keighley Public Libraries
Kendal and Westmorland Public Library
Kensington Public Library
Kent County Library
Kettering Public Library
Kingston upon Hull Public Libraries
Lambeth Public Libraries
Lanark County Libraries
Lancashire County Library
Lancaster Public Libraries
Leamington Spa Public Library
Leeds Central Library
Leicester City Libraries
Leicestershire County Library
Lewisham Public Libraries
Leyton Public Libraries
Lincoln Public Libraries
Lindsey and Holland County Library
Liverpool Commercial Library
Liverpool Public Libraries
Liverpool Technical Library
Llanelly Public Library
Long Eaton Public Library
Luton Public Libraries
Malmo Stadsbibliotek
Manchester Public Libraries
Mansfield Public Library
Mauritius Institute
Merthyr Tydfil Public Libraries

PUBLIC LIBRARIES—*contd.*

Middlesbrough Public Libraries
Middlesex County Libraries
Middleton Public Library
Milwaukee Public Library
Mitcham Public Libraries
Montgomeryshire County Library
Neath Public Library
New South Wales Public Library
New York Public Library
New York State Library
Newark-on-Trent. Gilstrap Public Library
Newcastle under Lyme Public Library
Newcastle upon Tyne City Libraries
Norfolk County Library
North Riding County Library
Northampton Public Libraries
Northamptonshire County Library
Norwich Public Libraries
Nottingham Public Libraries
Nottinghamshire County Library
Oldham Public Libraries
Orpington Public Library
Oswaldtwistle Public Library
Oxford City Libraries
Oxfordshire County Library
Paddington Public Libraries
Pembrokeshire County Library
Penge Public Library
Peterborough Public Library
Plymouth Public Library
Pontypridd Public Library
Port Talbot Public Library
Portsmouth Public Library
Preston. Harris Public Library
Rawtenstall Public Library
Rhondda Borough Libraries
Rochdale Public Library
Rochester Public Libraries
Rotherham Public Library
Rugby Borough Library
Rutherglen Public Library
St Helens Public Libraries
St Marylebone Public Libraries
St Pancras Public Libraries
Salford Public Libraries
Salisbury Public Library
Scarborough Public Libraries
Scunthorpe Public Library
Sheffield City Library
Shoreditch Public Libraries
Shropshire County Library
Smethwick Public Libraries
Solihull Public Library
South Australia Public Library
South Shields Public Library
Southall Public Libraries
Southampton Public Libraries
Southend-on-Sea Public Library
Southport Public Libraries
Stafford Public Library
Staffordshire County Library
Stepney Public Libraries
Stirlingshire County Library
Stockport Public Libraries
Stoke Newington Public Libraries
Stoke-on-Trent Public Libraries
Sunderland Public Libraries
Surrey County Library
Sutton and Cheam Public Libraries
Sutton Coldfield Public Library
Swansea Public Libraries
Swindon Public Libraries
Tasmania State Library
Tipperary. County Joint Libraries
Toronto Public Libraries
Tottenham Public Libraries and Museum
Twickenham Public Libraries
Upper Norwood Public Library
Victoria Public Library
Wakefield Public Libraries
Walsall Public Library
Walthamstow Public Library
Wandsworth Public Libraries
Warrington Municipal Library
Warwickshire County Library
Watford Public Library
West Bromwich Public Libraries
West Ham Public Libraries
West Riding County Library
West Sussex County Library
Western Australia Library Board
Westminster Public Libraries
Widnes Public Library
Wigan Public Libraries
Willesden Public Libraries
Wiltshire County Library
Wimbledon Public Library
Woolwich Public Libraries
Workington Public Library
Worksop Public Library
York Public Library

PUBLISHERS, *see* BOOKSELLERS and PUBLISHERS

REFRIGERATION, *see* HEATING and VENTILATING

RESEARCH, *see* LEARNED SOCIETIES and RESEARCH INSTITUTIONS

RUBBER

Associations, Institutions, Societies, etc.

British Rubber Producers' Research Association
Institution of the Rubber Industry
Northern Polytechnic and National College of Rubber Technology

Research Association of British Rubber Manufacturers
Rubber Research Institute of Malaya

Industrial and Commercial Concerns

Airmed Ltd
Angus, George, & Co. Ltd
B.B. Chemical Co. Ltd
British Geon Ltd
Dunlop Rubber Co. Ltd
Frankenstein, P., & Sons (Manchester) Ltd
Imperial Chemical Industries Ltd
Micafine Ltd
Revertex Ltd
Rubber Improvement Ltd
Storey Bros. & Co. Ltd

SAFETY and WELFARE

Associations, Institutions, Societies, etc.

Air Registration Board
Australia. Commonwealth Department of Social Services
Australia. Mental Hygiene Authority's Central Library
British Council. Medical Department
Fire Offices Committee, Fire Protection Association
Home Office
Industrial Welfare Society (Inc.)
International Labour Office
Joint Fire Research Organization
Metropolitan Police. Commissioner's Reference Library
Ministry of Health
Ministry of Labour and National Service. Factory Department, Intelligence Branch
Ministry of Pensions and National Insurance
National Assistance Board
National Blood Transfusion Service
National Institute for the Deaf
National Society for Clean Air
Royal National Institute for the Blind
Royal Society for the Prevention of Accidents
Safety in Mines Research Establishment
Save the Children Fund
Scottish Police College
Slough Community Centre
Solid Smokeless Fuels Federation
World Health Organization Library

Industrial and Commercial Concerns

Airmed Ltd
Central Public Health Laboratory

SHIPBUILDING

Associations, Institutions, Societies, etc.

British Shipbuilding Research Association
Institution of Engineering Inspection
Institution of Engineers and Shipbuilders in Scotland
North East Coast Institution of Engineers and Shipbuilders

Industrial and Commercial Concerns

Munro & Miller Ltd
Yarrow & Co. Ltd

SOCIOLOGY, *see* ECONOMICS and SOCIOLOGY

STANDARDIZATION

British Standards Institution

STATISTICS

Associations, Institutions, Societies, etc.

Board of Trade Library
Canadian Tax Foundation
Cotton Board
Royal Statistical Society
Statistisk Sentralbyras Bibliotek

Industrial and Commercial Concerns

British & Commonwealth Shipping Co. Ltd
Clifford Bloxham & Partners Ltd
Market Potentials Ltd
Swiss Bank Corporation

TEXTILES

Associations, Institutions, Societies, etc.

Ahmedabad Textile Industry's Research Association
Bolton Technical College
British Cotton Industry Research Association
British Hat and Allied Feltmakers Research Association
British Jute Trade Research Association
British Rayon Research Association
Cotton Board
Federation of British Carpet Manufacturers
Hosiery and Allied Trades Research Association
Institute of Textile Technology
International Wool Secretariat

Lace Research Association
Textile Institute
Wool Industries Research Association

Industrial and Commercial Concerns

Aero Zipp Fasteners Ltd
American Viscose Corporation
Bondina (B.D.A.) Ltd
Bourne, S., & Co. Ltd
British Nylon Spinners Ltd
British Ropes Ltd
Brocklehurst-Whiston Amalgamated Ltd
Carus, Alexander, & Sons Ltd
Chemstrand Corporation
Chemstrand Ltd
Courtaulds Ltd
Du Pont de Nemours, E. I., & Co.
Evans, Norman, & Rais Ltd
Frankenstein, P., & Sons (Manchester) Ltd
Imperial Chemical Industries Ltd
Lansil Ltd
Nelsons Acetate Ltd
Silk Centre
Smith & Nephew Research Ltd
T.M.M. (Research) Ltd
Tootal Broadhurst Lee Co. Ltd
United Turkey Red Co. Ltd
Wright Hargreaves Engineering Co. Ltd

TIMBER, *see* WOOD and WOOD INDUSTRIES

TOBACCO INDUSTRIES

Associations, Institutions, Societies, etc.

Tobacco Manufacturers' Standing Committee
Tobacco Research Board of Rhodesia & Nyasaland

Industrial and Commercial Concerns

British-American Tobacco Co. Ltd
Butler, Wm, & Co. (Bristol) Ltd
Imperial Tobacco Co. Ltd
Morris, Philip, Inc.
Rizla Cigarette Papers Ltd
Vokes Ltd
Wills, W. D. & H. O.

TRADE ASSOCIATIONS and INDUSTRIAL ORGANIZATIONS

Chalk Quarrying Association
Federation of British Carpet Manufacturers
Federation of British Industries
River Thames Shiprepairers Association
Tobacco Manufacturers' Standing Committee
Tomato & Cucumber Marketing Board

TRADE UNIONS

Amalgamated Engineering Union
National Farmers' Union
National Union of General and Municipal Workers
National Union of Teachers
Trades Union Congress Library
Transport and General Workers Union

TRANSPORT

Associations, Institutions, Societies, etc.

Air Registration Board
India. Ministry of Railways
Institute of Transport
Lloyd's Register of Shipping
Ministry of Transport
Municipal Passenger Transport Association (Inc.)
New South Wales. Department of Railways
Norges Statsbaner Hovedstyrets Bibliotek
River Thames Shiprepairers Association
Rotterdam Port Authority
South African Railways

Industrial and Commercial Concerns

Bolton Railway Wagon & Ironworks Co. Ltd
British and Commonwealth Shipping Co. Ltd
British European Airways
British Transport Commission

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Administrative Staff College
Acadia University
Agra University
Alabama Polytechnic Institute
Australian National University
Banaras Hindu University
Barnsley Technical College
Barrett Street Technical College
Battersea College of Technology
Bedford College Library
Beirut. American University of Beirut
Bilston College of Further Education
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Birmingham College of Advanced Technology
Birmingham University

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Bournemouth Municipal College of Technology and Commerce
Bradford Institute of Technology
Brighton Technical College
Bristol College of Technology
Bristol University. Department of Agriculture & Horticulture Research Station
Bristol University Library
Britannia Royal Naval College
British Columbia University
Brixton School of Building
Brunel College of Technology
Brussels. Université Libre. Bibliothèque
Burnley Municipal College
Calcutta University Library
California. University. Radiation Laboratory Library
California. University Library
California. University Library. Serials Department
California. University of Los Alamos
Cambridge Philosophical Society
Cambridge University Engineering Laboratory
Canberra University College
Canterbury University
Cape Town University
Cardiff. University College of South Wales and Monmouthshire
Carlisle Technical College
Case Institute of Technology
Central School of Arts & Crafts
Ceylon University
Chalmers Tekniska Högskolas Bibliotek
Chelsea College of Science and Technology
Chesterfield College of Technology
Chicago University Library
Chile. Universidad
Civil Defence Staff College
College of Aeronautics
College of Estate Management
College of Medical Evangelists
Columbia University
Copenhagen. Handelshojskolens Bibliotek
Copenhagen. Den Kgl Veterinær-og Landbohøjskoles Bibliotek
Cordwainers Technical College
Croydon Technical College and College of Art
Dacca University Library
Delft. Technische Hogeschool
Derby and District College of Technology
Drexel Institute of Technology
Dublin University College
Dudley and Staffordshire Technical College
Duquesne University Library
Durham University. Institute of Education
Durham University Library
Ealing Technical College and School of Art
East Berks College of Further Education
East Ham Technical College
Edinburgh School of Agriculture
Edinburgh University Library
Escuela Especial de Ingenieros Aeronauticos
Ewell County Technical College
Exeter. Technical College
Exeter. University
Finland Teknillisen Koreakoulun Kirjasto
Flintshire Technical College
Florida State University Library
Florida State University Library School
Garretts Green Technical College
George Peabody College (for Teachers)
Georgia Institute of Technology Library
Ghana. University College Library
Glasgow University Library
Gottingen. Niedersachsische Staats- u. Universitatsbibliothek
Hannover Technische Hochschule Bibliothek
Harvard University
Hatfield Technical College
Helsinki University Forestry Library
Helsinki University Ophthalmic Clinic Library
Hendon Technical College
Heriot-Watt College
Heythorpe College Library
High Wycombe College of Further Education
Hong Kong University Library
Huddersfield College of Technology
Huddersfield Technical Teachers' Training College
Hull University Library
Ibadan University College
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Imperial College of Science and Technology
Imperial College of Tropical Agriculture
India. E.M.E. School
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Institute of Archaeology
Institute of Cancer Research
Institute of Historical Research
Institute of Ophthalmology
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Iowa State University Libraries
Israel. Jewish National and University Library
Jadavpur University
Johns Hopkins University Library
Kansas University Library
Karachi University Library
Keighley Technical College & School of Art
Kent State University Library
Khartoum University
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King's College Library, Newcastle upon Tyne
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Lanchester College of Technology
Leeds College of Art
Leeds College of Commerce
Leeds. University. Department of Psychology
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Leicester Colleges of Art and Technology
Leicester University Library
Leigh Technical College
Lincoln Technical College
London. University. Institute of Education
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London University Library
Loughborough College of Further Education
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Lowestoft Technical College
Luton College of Technology
McGill University Library School
Madras University Library
Magee University College
Makerere College
Malaya University Library
Malaya. University of Malaya in Kuala Lumpur
Manchester College of Technology
Mander College
Massachusetts Institute of Technology
Medway College of Technology
Melbourne University
Melbourne University Library
Michigan University
Middlesbrough. Constantine Technical College
Mid-Warwickshire College of Further Education
Minnesota University Library
Mississippi University
Montevideo. Universidad, Facultad de Medicina, Biblioteca
Montreal. Ecole Polytechnique
Natal University Library
National College of Food Technology
National College for Heating, Ventilating, Refrigeration and Fan Engineering
New England University
New South Wales University
New York State University Library
New York. University, College of Ceramics at Alfred University
New York. University. Commerce Library
Newcastle University College, N.S.W.
Newcastle upon Tyne Municipal College of Commerce
Newport and Monmouthshire College of Technology
Nigerian College of Arts, Science & Technology
Norges Handelshoyskole Biblioteket
Norges Tekniske Høgskoles Bibliotek
North Gloucestershire Technical College
North Lindsay Technical College
North Staffordshire Technical College
North Staffordshire University College
North Wales University College
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Northern Polytechnic and National College of Rubber Technology
North-West Kent College of Technology
North-Western Polytechnic Library
Northwestern University Library
Nottingham College of Art and Crafts
Nottingham and District Technical College
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Nuneaton Technical College & School of Art
Ohio State University Library
Oregon University Library
Oslo University. Faculty of Mathematics and Science
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Polska Akademia Nauk
Polytechnic
Poplar Technical College
Portsmouth College of Technology
Postgraduate Medical School of London
Potchefstoom University
Prague. Knihovna Vysokych Skol Technickych
Purdue University Libraries
Queen Mary College Library
Queen's College
Queen's University of Belfast
Queensland University
Rajshahi University
Reading Technical College
Reading. University
Rhodes University
Rhodesia and Nyasaland University College
Rice Institute
Royal Air Force College Library
Royal Air Force Technical College
Royal Army Medical College
Royal College of Nursing
Royal College of Science & Technology
Royal College of Surgeons of England
Royal Dental Hospital of London
Royal Free Hospital School of Medicine
Royal Holloway College
Royal Military College of Science
Royal Naval Engineering College
Royal Technical College of East Africa
Rugby College of Engineering Technology

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Rutherford College of Technology
St Albans College of Further Education
St Andrews University Library
St Thomas' Hospital Medical School
Salford. Royal Technical College
School of Oriental and African Studies
School of Pharmacy
Scottish College of Commerce
Scottish Police College
Scripps Institution of Oceanography
Seattle University Library
Sheffield University, Applied Science Library
Shoreditch Training College
Sierra Leone. Fourah Bay College
Sind University
Singapore Polytechnic Library
Sir John Cass College
Slough. College of Further Education
South Dorset Technical College
South Shields Marine & Technical College
Southall Technical College
Southampton University Library
South-east Essex Technical College
Southend Municipal College
Southern California University
South-west Essex Technical College
Stafford. County Technical College
Stockholm Handelshögskolans Bibliotek
Stockholm, Kungl. Biblioteket
Stockholm Kungliga Tekniska Högskolans Bibliotek
Stretford Technical College
Sunderland Technical College
Swansea University College
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Tamworth College of Further Education
Tasmania University Library
Technion. Israel Institute of Technology
Temple University Library
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Texas Woman's University
Toronto University
Tottenham Technical College
University College Library
Vermont University Library
Victoria University
Virginia University
Wales. University College of Wales Library
Washington University Library
Watford Technical College
Wednesbury. County Technical College
Welsh College of Advanced Technology
West Indies University College
Western Australia. University
Western Reserve University
Westfield College
Westminster Technical College
Witwatersrand University
Wolverhampton and Staffordshire College of Technology
Woolwich Polytechnic
Workington College of Further Education
Wye College
Yale University Library
Zagreb University Central Medical Library

VETERINARY SCIENCE

Associations, Institutions, Societies, etc.

Australia. Sheep Biology Laboratory (C.S.I.R.O.)
British Friesian Cattle Society
Commonwealth Agricultural Bureaux
Cooper Technical Bureau
Copenhagen. Den Kgl Veterinær-og Landbohøjskoles Bibliotek
Institute of Animal Physiology
Interafrican Bureau for Epizootic Diseases
Ministry of Agriculture, Fisheries and Food
Nigeria. Federal Department of Veterinary Research
Pig Industry Development Authority
Royal Agricultural Society
South Africa. Department of Agriculture
Universities Federation for Animal Welfare

WATER and WATER TREATMENT

Associations, Institutions, Societies, etc.

Sydney Metropolitan Water Sewerage and Drainage Board
Victoria State Rivers and Water Supply Commission
Water Planning for Israel Ltd
Water Pollution Research Laboratory (D.S.I.R.)
Water Research Association

Industrial and Commercial Concerns

Albright & Wilson Ltd
Boby, William, & Co. Ltd
Candy Filter Co. Ltd
Central Water & Power Commission
Counties Public Health Laboratories
Houseman & Thompson Research Ltd
Paterson Engineering Co. Ltd
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WELFARE, *see* SAFETY and WELFARE

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Associations, Institutions, Societies, etc.

British Paper and Board Industry Research Association
Forest Products Research Laboratory (D.S.I.R.)
Forestry Commission Library
Furniture Development Council
Keskuslaboratorio–centrallaboratorium AB
Timber Development Association Ltd

Industrial and Commercial Concerns

Bisley, H. & G., Ltd
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ASLIB DIRECTORY: a guide to sources of information in Great Britain and Ireland; edited by Miriam Alman. 1957. 2 v. 6 *gns.*, 100*s.**

AVAILABILITY AND USE OF AERONAUTICAL INFORMATION: a discussion. Reprinted from the *Journal of the Aeronautical Society,* June 1952. pp.411–6. 2*s.*

BOOKS AND ARMY EDUCATION, 1944–1946: preparation and supply; by J. H. P. Pafford. 1946. 72 pp. 6*s.*, 4*s.*6*d.**

BRITISH SCIENTIFIC AND TECHNICAL BOOKS: a select list of recommended books published in Great Britain and the Commonwealth in the years 1935 to 1952. James Clarke and Co. Ltd. for Aslib. 1956. xi,364 pp. 63*s.*

BRITISH SOURCES OF REFERENCE AND INFORMATION: a guide to societies, works of reference and libraries; edited by T. Besterman. 1947. vii,56 pp. 6*s.*, 5*s.**

GUIDES TO SOURCES OF INFORMATION IN GREAT BRITAIN:

1. The paper industry: UDC 676. 1948. 10 (4) pp. 2*s.*6*d.*, 2*s.**
2. Agriculture and allied interests: UDC 63. 1949. 55 (9) pp. 16*s.*, 13*s.**
3. Beverages and food: UDC 663+664. 1949. 44 (11) pp. 12*s.*6*d.*, 10*s.**
4. Textiles and allied interests: UDC 677. 1949. 42 (9) pp. 12*s.*6*d.*, 10*s.**

HANDBOOK OF SPECIAL LIBRARIANSHIP AND INFORMATION WORK; edited by Wilfred Ashworth. 1955. 387 pp. 50*s.*, 40*s.**

PROCEEDINGS OF THE INTERNATIONAL STUDY CONFERENCE ON CLASSIFICATION FOR INFORMATION RETRIEVAL: held at Beatrice Webb House, Dorking, England, 13th–17th May 1957. 1957. iii,151 pp. 30*s.*, 25*s.**

REPORT OF ASLIB MEETING ON INDUSTRIAL INFORMATION SERVICES: 8 May 1946. 1947. 39 pp. 4*s.*, 3*s.**

SCIENCE AND THE HUMANITIES: the use and abuse of information, an address delivered at the 9th Annual Conference at Somerville College, Oxford, on 23 September 1932; by J. L. Myres. Published for Aslib by OUP, 1933. 32 pp. 1*s.*3*d.*

SELECT BIBLIOGRAPHY OF ITALY: a thousand books about Italy, its geography, population, cities and regions, its language, literature and history, its social, economic and political life, its art and music; by W. O. Hassall. 1946. 82 pp. 8*s.*6*d.*, 6*s.**

SELECT LIST OF STANDARD BRITISH SCIENTIFIC AND TECHNICAL BOOKS: 5th edition; edited by L. J. Anthony. Compiled at the request of the British Council. 1957. 88 pp. 10*s.*, 8*s.*6*d.**

TREATMENT OF SPECIAL MATERIAL IN LIBRARIES: 2nd edition; by Robert L. Collison. 1955. 102 pp. Aslib manuals vol.2. 12*s.*6*d.*, 10*s.*6*d.**

WORK OF ASLIB: for the year ended December 1959. [1959]. 31 pp. *gr.*

ANNUALS

ASLIB YEAR BOOK 1957–1958. 1957. 194,x pp. 12*s.*6*d.*, 10*s.**
1958–1959. 1958. 204,xvi pp. 18*s.*, 12*s.*6*d.**
1959–60. 1959. 215,xv pp. 18*s.*, 12*s.*6*d.**
1960–61. 1960. 214,xvii pp. 18*s.*, 12*s.*6*d.**

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Vol.3, 1952–53; ed. by Magda Whitrow. 1956. xii,159 pp. 25*s.*, 21*s.**
Vol.4, 1953–54; ed. by Magda Whitrow. 1957. xii,158 pp. 25*s.*, 21*s.**
Vol.5, 1954–55; ed. by Magda Whitrow. 1958. xii,170 pp. 25*s.*, 21*s.**
Vol.6, 1955–56; ed. by Magda Whitrow. 1958. xii,165 pp. 25*s.*, 21*s.**
Vol.7, 1956–57; ed. by Magda Whitrow. 1959. xii,177 pp. 25*s.*, 21*s.**
Vol.8, 1957–58; ed. by Magda Whitrow. 1960. xii,173 pp. 25*s.*, 21*s.**

REGISTER OF RESEARCH IN THE SOCIAL SCIENCES and directory of research institutions: number 13, December 1956. Published by Aslib for the National Institute of Economic and Social Research. 1956. vii,156 pp. 30*s.* Also distributed by Aslib: no.5, 1947–48, 12*s.*6*d.*; nos.6–9, 15*s.* each; nos.10–12, 25*s.* each.

REPORTS OF PROCEEDINGS OF 1ST TO 22ND CONFERENCES, 1924–47. (Nos.3, 6, 7, 10, 17, out of print.)

PERIODICALS

ASLIB BOOK LIST: a monthly list of recommended scientific and technical books with annotations. Annual subscription 27*s.*, 18*s.** Single copies 2*s.*3*d.*, 1*s.*9*d.**

ASLIB PROCEEDINGS: vols.1–8, 1949–1956. Quarterly. 10*s.*6*d.*, 6*s.*6*d.** each number.

ASLIB PROCEEDINGS: incorporating Aslib Information; monthly, commencing vol.9, no.1, January 1957. Annual subscription 60*s.*, 40*s.**; single copies 5*s.*, 3*s.*6*d.**

JOURNAL OF DOCUMENTATION: devoted to the recording, organization and dissemination of specialized knowledge. Quarterly. Annual subscription 48*s.*, 30*s.** Single copies 12*s.*6*d.*, 8*s.*6*d.**

PROCEEDINGS OF THE BRITISH SOCIETY FOR INTERNATIONAL BIBLIOGRAPHY: Vols. 1–9, 1939–1947; distributed by Aslib for BSIB. 4*s.* each part. (Incomplete.)

OFFPRINTS FROM *Aslib Proceedings*

FILM AS SOURCE MATERIAL FOR HISTORY; by Sir Arthur Elton, President of the Scientific Film Association and Chairman of Film Centre Ltd, Blackpool, 24th September 1955. Vol.7, no.4, November 1955. 34 pp. 3*s*.

GOVERNMENT LIBRARY: with special reference to the library of the Safety in Mines Research Establishment. Sheffield, 27th March 1952. Vol.4, no.3, August 1952. 7 pp. 2*s*.

IF I HAD MY WAY—WITH PUBLISHERS; by B. Agard Evans, Chief Librarian, Ministry of Works, London, 19th November 1952. Vol.5, no.1, February 1953. 11 pp. 2*s*.

INFORMATION IN THE BUILDING INDUSTRY: one-day conference, London, 9th December 1959. Vol.12, no.2, February 1960. 3*s*.6*d*., 2*s*.6*d*.*

LIBRARIANS HERE AND THERE: a symposium. Vol.10, no.6, June 1958. 2 pp. 9*d*.

LIBRARIES: a liberal element in technical education; by Lord Verulam. London, 30th October 1957. Vol.9, no.12, December 1957. 11 pp. 3*s*.

SYMPOSIUM ON THE NATURE AND SCOPE OF FUEL AND POWER LIBRARY AND INFORMATION SERVICES IN THE UNITED KINGDOM; ed. by Frank Hickman, Chief Librarian, Ministry of Fuel and Power Library. Nottingham University, 13th September 1953. Vol.5, no.4, November 1953. 27 pp. 2*s*.

U.S. SPECIFICATIONS AND ASSOCIATED DOCUMENTS; by F. V. Horsnell, Ministry of Supply. Birmingham, 13th December 1954. Vol.7, no.1, February 1955. 10 pp. 2*s*.

OFFPRINTS FROM *Journal of Documentation*

BIBLIOGRAPHIE SELECTIVE DES GUIDES D'ARCHIVES: supplément au *Guide international des archives* tome 1 (Europe), 1934; comp. by M. Robert-Henri Bautier. Vol.9, no.1, March 1953. 41 pp. 2*s*.

BRITISH UNION CATALOGUE OF PERIODICALS: Rules and definitions. Vol.2, no.2, September 1946, pp.117–21. 2*s*.

COPYRIGHT AND LIBRARIES IN THE UNITED KINGDOM; by G. Woledge. Vol.14, no.2, June 1958, pp.45–55. 3*s*.6*d*.

CURRENT PUBLICATIONS ON TWENTIETH-CENTURY FRENCH LITERATURE; by T. V. Benn, University of Leeds. Vol.9, no.4, December 1953. pp. 220–23. 2*s*.

DEPARTMENTAL LIBRARIES OF THE UNIVERSITY OF CAMBRIDGE; by D. W. Butcher. Vol.7, no.4, December 1951, pp.221–43. 2*s*.

EARLY DUTCH LIBRETTOS AND PLAYS WITH MUSIC IN THE BRITISH MUSEUM; by A. Loewenberg. Vol.2, no.4, March 1947. 30 pp. 5*s*.

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HERALDRY, FLAGS AND SEALS: a select bibliography, with annotations (1920–1945); by S. Trehearne Cope. Vol.4, no.2, September 1948, pp.92–146. 7*s.*6*d.*, 6*s.**

RESOURCES FOR ITALIAN STUDIES; possibilities for a study of fourteenth-century Florence in the works of Antonio Pucci if limited to material available in England; by K. Speight. Vol.10, no.2, June 1954. pp.65–71. 2*s.*

UNION CATALOGUE OF OLD MUSIC; by Edith B. Schnapper, Editor, *The Union Catalogue of Old Music*. Vol.9, no.2, June 1953, pp.117–21. 2*s.*

IN PREPARATION

BRITISH SCIENTIFIC AND TECHNICAL BOOKS 1953–58: a select list of recommended books published in Great Britain and the Commonwealth.

FACETED CLASSIFICATION: a guide to construction and use of special schemes; prepared by B. C. Vickery for the Classification Research Group.

INDEX TO THESES accepted for higher degrees in the universities of Great Britain and Ireland; ed. by Magda Whitrow.

Volume 9, 1958–59

EDITORIAL PRACTICE IN LIBRARIES; ed. by B. C. Brookes.

SURVEY OF INFORMATION AND LIBRARY UNITS in industrial and commercial organizations; prepared by the Research Department, Aslib.

OUT OF PRINT

Microfilms or photocopies of the following Aslib publications, now out of print, can be supplied by arrangement. Requests should be made on Aslib Document Reproduction order forms.

ASLIB DIRECTORY: a guide to sources of specialized information in Great Britain and Ireland; edited by G. F. Barwick. 1928. xiii,425 pp.

ASLIB YEAR BOOK 1956–57. 1956. 172,xv pp.

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BOOKS AND THE FARMER; by Sir E. John Russell. 1933. 16 pp.

CATALOGUE OF FILMS OF GENERAL SCIENTIFIC INTEREST AVAILABLE IN GREAT BRITAIN; compiled by the Scientific Film Association. 1946. 188 pp.

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CATALOGUING, ARRANGEMENT AND FILING OF SPECIAL MATERIAL IN SPECIAL LIBRARIES; by R. L. Collison. 1950. [4],76 pp.

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FACSIMILE PROCESSES: with special relation to tabular matter; by Norman Parley. [Undated.] 12 pp.

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ON A PROPOSED UNION CATALOGUE OF PERIODICALS (in British libraries); by T. Besterman. 1943. 8 pp.

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Select Reading List for Special Librarians and Information Officers

SELECT READING LIST

An introduction to library and information work

GENERAL

ASLIB

Handbook of special librarianship and information work; general ed.: Wilfred Ashworth. London, Aslib, 1955. [8],387 pp. plans, tables, diagrs. 50*s.*; 40*s.**

COLLISON, ROBERT L.

The treatment of special material in libraries. 2nd ed. London, Aslib, 1955. ix,104 pp. illus., tables, diagrs. 12*s.*6*d.*; 10*s.*6*d.** [Previously issued as *The cataloguing arrangement and filing of special material in special libraries,* 1950.]

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HOLMSTROM, J. EDWIN

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SPECIAL LIBRARIES ASSOCIATION

Technical libraries; their organisation and management; ed. Lucille Jackson. New York, the Association, 1951. viii,202 pp. illus., diagrs. $6.

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Technical services in libraries: acquisitions, cataloguing, classification, binding, photographic reproduction, and circulation operations, by Maurice F. Tauber and associates. New York, Columbia University Press; [London, Oxford University Press], 1954. xvi,487 pp. diagrs. (Columbia University studies in library science no. 7.) $6.50; 52*s.*

WRIGHT, J. E.

Manual of special library technique, with particular reference to the technical special libraries of commercial and government establishments. 2nd ed. rev. London, Aslib, 1946. 120 pp. illus., diagrs.

Periodicals

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Aslib Proceedings, Aslib.
Aslib Year Book, Aslib.
Library Association Record, Library Association.
Library Science Abstracts, Library Association.
Library Literature, H. W. Wilson Co.
Special Libraries, Special Libraries Association.
American Documentation, American Documentation Institute.
Review of Documentation, Fédération Internationale de Documentation.
Library Journal, R. R. Bowker Co.
Library Trends, University of Illinois Library School.
Library Resources and Technical Services, American Library Association.

CHOICE OF MATERIAL FOR AN INFORMATION SECTION

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The role of the British National Book Centre. *Aslib Proceedings,* vol.5, no.2, May 1953, pp.75–80.

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The state as publisher: a librarian's guide to the publications of H.M. Stationery Office. London, Library Association, 1952. 32 pp. tables. (Library Association pamphlet no.10.) 5*s.*

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LONDON. UNIVERSITY. School of Librarianship and Archives
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LIBRARY ASSOCIATION *and* AMERICAN LIBRARY ASSOCIATION
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SHARP, HENRY A.
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Periodicals and serials; their treatment in special libraries; with a foreword by E. M. R. Ditmas. London, Aslib, 1953. xvi,200 pp. illus., tables, diagrs. (Aslib manuals, vol.3.) 12*s*.6*d*.; 10*s*.6*d*.*

MASON, DONALD

A primer of non-book materials in libraries; with an appendix on sound recordings by Jean C. Cowan. London, Association of Assistant Librarians, 1958. xii,115 pp. illus., plates, tables, diagrs. 20*s*. (15*s*. to members).

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BRADFORD, S. C.

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Indexes and indexing; a guide to the indexing of books, and collections of books, periodicals, music, gramophone records, films and other material, with a reference section and suggestions for further reading. 2nd ed. London, Ernest Benn, 1959. 200 pp. diagrs. 21*s*.

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The fundamentals of library classification. London, George Allen & Unwin, 1951. 114 pp. tables. (Practical library handbooks; ed. by Duncan Gray, no.12.) 8*s*.6*d*.

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A primer of book classification. [Rev. ed.] London, Association of Assistant Librarians, 1951. 230 pp. 8*s*.6*d*.

SAYERS, W. C. BERWICK

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Classification and indexing in science. 2nd ed. enlarged. London, Butterworths, 1959. xix,235 pp. 30*s*.

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How to choose a classification for your special library. *Aslib Proceedings*, vol.3, no.2, May 1951, pp.107–20.

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BAGLEY, WILLIAM A.

Facts and how to find them: a guide to sources of information and to the method of systematic research. 5th ed. rev. London, Pitman, 1958. 136 pp. 10*s*.6*d*.

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MCCOLVIN, LIONEL

How to find out. London, published for the National Book League by Cambridge University Press, 1947. 96 pp.

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INTERNATIONAL FEDERATION OF LIBRARY ASSOCIATIONS, FEDERATION INTERNATIONALE DE DOCUMENTATION, *and* INTERNATIONAL ASSOCIATION OF MUSIC LIBRARIANS

International Congress of Libraries and Documentation Centres, Brussels. September 11–18, 1955: Proceedings. The Hague, Martinus Nijhoff, 1958, [4],301 pp.

UNESCO

Statistics on libraries. Paris, Unesco, 1959. 128 pp. (Statistical reports and studies.) 7*s*.6*d*.

HARROD, L. M.

The librarians' glossary: terms used in librarianship and the book crafts. 2nd ed. (revised). London, Grafton, 1959. 332 pp. 18*s*.

UNIVERSITNI KNIHOVNA OLOMOUCI

Slovník knihovnických termínů v šesti jazycích: česky, rusky, polsky, německy, anglicky, francoussky. (Dictionary of library terms in six languages.) Prague, the University, 1958. 632 pp.

SARINGULIAN, M. H., *compiler*

English–Russian dictionary of library and bibliographical terms, edited by P. H. Kananov and V. V. Popov. Moscow, Publishing Office of All-Union Book Chamber, 1958. 234 pp. 10*s*.

USE OF INFORMATION

ORGANIZATION FOR EUROPEAN ECONOMIC COOPERATION. European Productivity Agency

Technical Information and the smaller firm: facts and figures on practices in European and American industry. Paris, OEEC; London, HMSO, 1958. 69 pp., tables. (Project 296/2.) 4*s*.6*d*.

GREAT BRITAIN. CENTRAL OFFICE OF INFORMATION. Social Survey

The use of technical literature by industrial technologists: a study of technical information in the electrical industry; report by Christopher Scott on a survey designed by L. T. Wilkins. London, Social Survey, [1959]. [1],106 pp. tables. (Report no. 245.) 22*s*.6*d*.

CALDER, NIGEL

What they read and why: the use of technical literature in the electrical and electronics industry. London, HMSO, 1959. 24 pp. illus. (DSIR, Problems of progress in industry—4.) 2*s*.

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Libraries and bibliographic centres in the Soviet Union. Bloomington, Indiana University, 1959. xviii,287 pp. diagrs., bibliog. (Slavic and East European series—vol.16.) $3.

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MEVISSEN, WERNER

Buchereibau/Public Library building; [ins Englische ubertragen von Sybil Hamilton]. Essen, Verlag Ernst Meyer; New York, W. S. Heineman, 1958. 256 pp. illus., diagrs. $12.50.

YENAWINE, WAYNE S., *editor*

Contemporary library design. Syracuse, N.Y. Syracuse University Press, 1958. vi,26 pp. (Frontiers of Librarianship no.1). $1.50.

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Les sources du travail bibliographique. Tome 3. Bibliographies specialisées (science et techniques) . . . Genève, Librairie E. Droz, 1958. x,575,28 pp.

WALFORD, A. J., *editor*

Guide to reference material. London, Library Association, 1959. viii,543 pp. 80*s*. (60*s*. to members.)

TOTOK, WILHELM, *and* WEITZEL, ROLF

Handbuch der bibliographischen Nachschlagewerke Zweite, stark erweiterte, vollig neu bearbeitete Auflage. Frankfurt am Main, V. Klostermann, 1959. xv,335 pp.

HAWKINS, R. R., *editor*

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Bibliographic services throughout the world: 5th annual report 1956. Paris Unesco, 1958. 197 pp. [Unesco/CUA/89.]

PINTO, OLGA
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WEITZEL, ROLF
Die deutschen nationalen Bibliographien: eine Anleitung zu ihrer Benutzung. Frankfurt am Main, Buchhändler– Vereinigung, 1958. 84 pp.

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A short guide to chemical literature. 2nd ed. London, Longmans, 1958. 157 pp. 15*s*.

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Guide to the literature of mathematics and physics, including works on engineering science. 2nd revised edition. New York, Dover Publications, Inc.; London, Constable, 1958. xviii,436[18] pp. $2.49. 20*s*.

SMITH, ROGER C.
Guide to the literature of the zoological sciences. 5th ed. Minneapolis, Burgess Publishing Co., 1958. xi,203 pp. 28*s*. $3.50.

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Sources of information in the social sciences: an annotated bibliography [by] Carl M. White in collaboration with Ruby L. Collins, Robert Ihrig, Leatrice Kemp and James Leathers . . . New York, Columbia University Bookstore, 1959. iii,150 pp. $2.50.

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Symposium on the literature of instruments and instrumentation. Chislehurst, Kent, BSIRA, 1958. [1], 58 pp. (Report no. M 33.) 10*s*.6*d*.

ASLIB. ELECTRONICS GROUP
Handlist of basic reference material for librarians and information officers in electrical and electronic engineering, compiled by Ellen M. Codlin . . . London, Aslib, 1959. 57 pp.

UNITED STATES. NATIONAL LIBRARY OF MEDICINE
Guide to Russian medical literature [edited by] Scott Adams and Frank B. Rogers. Washington, US Department of Health, Education and Welfare, 1958. iv,89 pp. 40*c*.

ZISCHKA, GERT A.
Index lexicorum: Bibliographie der lexikalischer Nachschlagewerke. New York, London, Hafner Publishing Co., 1959. xliii,290 pp. $13.

DIRECTORIES

THE EUROPA year book, 1959. 1st ed. London, Europa Publications Ltd, 1959. xiii,1156 pp., tables. £6 10*s*.

ENCYCLOPEDIA of American associations, 2nd ed.: a guide to the national organizations of the United States . . . Detroit, Gale Research Institute, 1959. ix,716 pp. $20.

ROSKILL, O. W., & CO. (REPORTS) LTD

Who owns whom: a directory of parent and subsidiary companies in industry and commerce, 1959. 2v. London, O. W. Roskill, 1959. [4],244; [4],118 pp. £6 6*s*. (Vol.1: Subsidiaries and associates showing parent companies; Vol.2: Parent companies showing subsidiaries.)

LYSAGET, AVERIL, *editor*

Directory of natural history and other field study societies in Great Britain, including societies for archeology, astronomy, meteorology, geology and cognate subjects. London, British Association for the Advancement of Science, 1959. xi,217 pp.

FRANCE. OFFICE NATIONAL DES UNIVERSITES ET ECOLES FRANCAISES

Répertoires des laboratoires des recherches médicales, pharmaceutiques et vétérinaires. Paris, Presses Universitaires, 1958. 528 pp. illus.

GREAT BRITAIN. TREASURY. Organization and Methods Division. A guide to government libraries. 2nd ed. London, HMSO, 1958. viii,139 pp. 7*s*.6*d*.

HENDERSON, G. P., *editor*

Reference manual of directories: an annotated list, index and guide to the directories of all countries. Part 7: Canada. London, Jones & Evans Bookshop Ltd, 1959. xiv,54 pp.

UNITED STATES. DEPARTMENT OF COMMERCE. BUREAU OF FOREIGN COMMERCE

A guide to foreign business directories. Washington, US Government Printing Office; London, HMSO, 1959. vii,132 pp. 45*c*. 4*s*.

PERIODICALS

ULRICH'S periodicals directory: a classified guide to a selected list of current periodicals, foreign and domestic; edited by E. C. Graves. 9th ed. New York, Bowker, 1959. 825 pp. $22.50.

UNESCO

Directory of current Latin-American periodicals by the Pan American Union. Paris, Unesco, 1958. xxv,266 pp. (Unesco bibliographical handbooks.) 17*s*.6*d*.

UNITED STATES. LIBRARY OF CONGRESS

Serial publications of the Soviet Union, 1939–1957: a bibliographic checklist; compiled by Rudolph Smits. Washington, Library of Congress, 1958. ix,459 pp. $2.75.

UNION OF INTERNATIONAL ORGANIZATIONS

Directory of periodicals published by the international organizations. 2nd ed. Brussels, the Association, 1958. x,241 pp. 21*s*.

LIBRARY ASSOCIATION. London and Home Counties Branch

The London Union list of periodicals: holdings of the municipal and county libraries of Greater London. 2nd ed.; edited by Owen W. Keen and Kathleen Hankock. London, the Branch, 1958. [16],221 pp. 80*s*. (65*s*. to members.)

LIBRARY ASSOCIATION. North West Branch

Union list of 7,000 periodicals in 112 libraries of the North West, compiled and edited by J. C. Hartas, . . . Warrington, L.A., N.W. Branch, 1958. vi,117, [6] pp.

BRITISH STANDARDS INSTITUTION

British standard for periodicals of reference value: form and presentation. London, BSI, 1959. 24 pp. (B.S. 2509:1959.) 6*s*.

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Citations in American engineering journals. 3: Metallurgical engineering. *American Documentation,* vol.10, no.3, July 1959, pp. 209–13.

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Alternative costs of keeping learned journals in print. *Publishers Weekly,* vol.176, no.1, July 1959, pp. 86–7.

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COATES, E. J.

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An examination of some of the problems involved in drafting general classifications and some proposals for their solution. *Revue de la Documentation,* vol. 26, no. 1, February, 1959, pp. 17–21.

SPECIAL LIBRARIES ASSOCIATION

SLA loan collection of classification schemes and subject headings lists . . . 4th ed., revised. New York, the Association, 1959. v,51 pp. $2.50.

AMERICAN SOCIETY FOR METALS, *and* SPECIAL LIBRARIES ASSOCIATION

ASM–SLA metallurgical literature classification. International (second) ed. Cleveland, A.S.N., 1958. [4],74 pp. illus. $3.

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COLLISON, ROBERT L.

Indexes and indexing: guide to the indexing of books, and collections of books, periodicals, gramophone records, films and other materials, with a reference section and suggestions for further reading. 2nd ed., revised and enlarged. London, E. Benn, 1959. 200 pp. illus. 21*s*.

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Indexing: principles, rules and examples. 5th ed. Albany, NY State Library, 1957. 78 pp. (University of the State of New York. Bulletin no. 1445.)

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Simplified cataloguing rules. North Harrow, Middlesex, the Association, 1959. viii,22 pp. 5*s*.

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Notes on cataloguing Russian publications. *The Library Association Record,* vol.61, no. 1, January 1959, pp. 6–11.

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UNITED STATES. NATIONAL SCIENCE FOUNDATION. Office of Science Information Service

Current research and development in scientific documentation, No. 5. Washington, US Government Printing Office, 1959. 102 pp. bibliogs. 50*c*.

PERRY, J. W., *and* KENT, ALLEN

Tools for machine literature searching: semantic code dictionary, equipment, procedures. New York, Interscience, 1958. xviii,972 pp. (Library science and documentation series—vol.1.) £10 10*s*.

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TAUBE, MORTIMER, *and* WOOSTER, HAROLD, *editors*

Information storage and retrieval: theory, systems and devices. New York, Columbia UP; London, OUP, 1959. xi,228 pp. (Columbia University studies in library service, no.10.) $6. 48*s*.

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An investigation into the comparative efficiency of information retrieval systems. *Unesco Bulletin for Libraries,* vol.12, no.11/12, November–December 1958, pp. 267–70.

CASEY, ROBERT S., *and others*

Punched cards: their applications to science and industry. 2nd ed. New York, Reinhold Pub. Corp., 1958. x,697 pp., illus., bibliog. 126*s.*

JOLLEY, J. L.

Punched feature cards: a simple, inexpensive system of processing data without resort to any mechanical aid other than a card punch. *Data Processing,* vol.1, no.2, April–June 1959, pp. 86–93.

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VERRY, H. R.

Document copying and reproduction processes. London, Fountain Press, 1958. 328 pp., illus. 52*s.*6*d.*

DAVISON, G. H.

Micro-copy cards and microfiches: review of progress in 1958. Rotherham, United Steel Companies Ltd, 1958. 22 pp.

BALLOU, HUBBARD W.

Developments in copying methods—1958. *Library Resources and Technical Services,* vol.3, no.2, Spring 1959, pp. 86–97.

AMERICAN LIBRARY ASSOCIATION. Resources and Technical Services Division. *Copying Methods Section*

Library use of rapid copiers: papers presented at the . . . 77th Conference, San Francisco, California, July 13–19 1958. Berkeley, Calfornia, University of California, 1958. 3, 9, 9, 15, 3. gratis.

NATIONAL MICROFILM ASSOCIATION

Proceedings . . . Seventh Annual Meeting, New Orleans, Louisiana, April 21–23 1958, edited by Vernon D. Tate. Annapolis, Maryland, The Association, 1958. x,203,24 pp., illus. $7.50 ($3.75 to members.)

NATIONAL MICROFILM ASSOCIATION

Guide to microreproduction equipment; edited by Hubbard W. Ballou. Annapolis, Maryland, the Association, 1959. 438 pp., illus. gratis.

DIAZ, ALBERT JAMES

Microcards, 1944–1958: a selected bibliography. *Microcard Bulletin,* no.19, January 1959, pp. 7–19.

MICROCARD FOUNDATION.

Catalogue of microcard publications no. 1, July 1959. Wisconsin, the Foundation, 1959. 32 pp.

LUTHER, FREDERIC

Microfilm: a history, 1839–1900. Annapolis, National Microfilm Association, 1959. [8], 195 pp. $7.50.

TECHNICAL WRITING

GODFREY, J. W., *and* PARR, G.

The technical writer: an aid to the presentation and production of technical literature. London, Chapman and Hall, 1959. 340 pp., illus., diagrs. 45*s*.

BLICKLE, MARGARET D., *and* HOUP, KENNETH W.

Reports for science and industry. New York, Henry Holt and Co., 1958. x,320 pp., tables, diagrs. $4.75.

PRESENTATION OF TECHNICAL INFORMATION GROUP

Training technical writers: a symposium by H. R. Hockley, F. B. Roberts, R. Wiltshire. London, the Group, 1959. 9 pp. gratis.

TRANSLATION

LONDON. UNIVERSITY. University College. *Communications Research Centre*

Aspects of translation. London, Secker and Warburg, 1958. viii,145 pp. [Studies in Communication 2.] 25*s*.

BROWER, REUBEN A., *editor*

On translation. Cambridge, Massachusetts, Harvard UP; London, OUP, 1959. xi,297 pp. $6.50. 52*s*.

MATTHEWS, RHYS

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LANE, ALEXANDER

Die Fremdsprachenberufe; unter mitwirkung von Thomas Finkenstadt, Gunther Haensch und Rudolf Walter Jumpelt. Munchen, Isar Verlag, 1958. 206 pp. (Die Fremdsprachen in der Praxis, Reihe A/ Band 1.)

MAGNER, THOMAS F.

Manual of scientific Russian. Minneapolis, Burgess Publishing Co.; London, Mayflower Press, 1959. iii,101 pp. 37*s*.

TURKEVICH, JOHN, *and* TURKEVICH, LUDMILLA B.

Russian for the scientist. Princeton, London, Van Nostrand, 1959. x,255 pp. $5.95. 45*s*.

CONDOYANNIS, GEORGE E.

Scientific Russian: a concise description of the structural elements of scientific and technical Russian. New York, John Wiley & Sons; London, Chapman and Hall, 1959. xii,225 pp. 28*s*.

KAISER, FRANCES E., *editor*

Translators and translations: services and sources. New York, Special Libraries Association, 1959. iv,60 pp. $2.50.

UNITED STATES. National Library of Medicine. *Reference Section*

Scientific translations: a guide to sources and services; compiled by Sheila M. Parker, revised by Rosemary Roberts and Miriam Hawkins. Washington, US Department of Health, Education and Welfare, 1959. v,19 pp. 15*c*.

ZAUNMULLER, WOLFRAM

Bibliographisches Handbuch der Sprachworterbucher: Ein internationales Verzeichnis von 5600 Worterbuchern der Jahre 1460–1958 fur mehr als 500 Sprachen und Dialekte . . . New York, London, Hafner Publishing Co., 1958. xvi,495 pp. $12.00. 90*s*.

WUSTER, EUGEN

Bibliography of monolingual scientific and technical glossaries. Vol. 2: miscellaneous sources. Paris, Unesco, 1959. 146 pp. 12*s*.6*d*.

PANOV, D. YU, *and others*

Automation of translating by D. Yu Panov, A. A. Lyapunov and I. S. Mukhin. *LLU Translations Bulletin,* April 1959, pp. 16–40.

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LINSTEAD, C. C.

The use of trade literature. *Aslib Proceedings,* vol.11, no.4, April 1959, pp. 98–101.

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Keeping catalogues classified. *Office Magazine,* vol.6, no.72, December 1959, pp. 1013–15.

RANGANATHAN, S. R.

Library administration. 2nd ed. Bombay, Asia Publishing House, 1959. 678 pp. Rs. 24. 44*s*.

HODGSON, JAMES G.

Size and services of a research library as related to the parent organization. Natick, Massachusetts, Headquarters Quartermaster Research & Engineering Command, US Army, 1958. 13 pp.

STRIEBY, IRENE M.

Public relations activities of special libraries. *Library Trends,* vol.7, no.2, October 1958, pp. 290–7.

Organizations Concerned with Special Librarianship and Information Work

ORGANIZATIONS CONCERNED WITH SPECIAL LIBRARIANSHIP AND INFORMATION WORK

THE following list of organizations active in this field is not exhaustive. The organizations included have been selected because their work, wholly or in large part, approximates to that of Aslib. A more comprehensive list containing the names and addresses of eighty-seven organizations can be seen in chapter 13 of the *Handbook of Special Librarianship and Information Work*, London, Aslib, 1955, 50*s*. (40*s*. to members).

NATIONAL ORGANIZATIONS

AUSTRALIA

Library Association of Australia,
c/o Public Library of New South Wales, Macquarie Street, Sydney, New South Wales.

AUSTRIA

Oesterreichische Gesellschaft für Dokumentation & Bibliographie (Austrian Society for Documentation and Bibliography),
1 Josefsplatz, Vienna 1.

BELGIUM

Association Belge de Documentation (Belgian Association for Documentation),
3 rue de Maelbeek, Brussels 4.

CZECHOSLOVAKIA

Central Technical Library of Czechoslovakia,
Klementinum, Prague.

DENMARK

Dansk Central for Dokumentation (Danish Centre for Documentation),
10 Oster Voldgade, Copenhagen K.

FRANCE

Association pour l'Utilisation et la Diffusion de la Documentation (Association for the Use and Dissemination of Documentation),
18 avenue de Villars, Paris 7.

Union Française des Organismes de Documentation (French Union of Documentary Organizations),
65 rue de Richelieu, Paris 2.

GERMANY

Deutsche Gesellschaft für Dokumentation (German Society for Documentation), Westendstrasse 47, Frankfurt am Main.

Zentralstelle für Wissenschaftliche Literatur (Centre for Scientific Literature), Unter den Linden 8, Berlin, N.W.7.

HUNGARY

Hungarian State Technical Library,
Postafiök 12, Budapest 8.

INDIA

Indian National Science Documentation Centre (Insdoc),
National Physical Laboratory, Hillside Road, New Delhi 12.

Indian Association of Special Libraries and Information Centres,
96 Esplanade East, Calcutta 1.

ITALY

Biblioteca e Centro nazionale di documentazione Scientifico-technica,
7 piazzale delle Seienze, Rome.

JAPAN

Japanese Information Centre for Science and Technology,
15 Itibantyô, Tiyoda-ku, Tokyo.

NETHERLANDS

Nederlands Instituut voor Documentatie en Registratuur (Netherlands Institute for Documentation & Filing),
6 Willem Witsenplein, The Hague.

PAKISTAN

Pakistan National Scientific and Technical Documentation Centre (Pansdoc), Nazimabad, Karachi.

PHILIPPINES

National Institute of Science and Technology (Documentation Division), Manila, Philippines.

POLAND

Centralny Instytut Dokumentacji Naukowo-Technicznej,
Al. Niepodleglosci 188, Warsaw.

SWEDEN

Tekniska Litteratursällskapet (Swedish Society for Technical Documentation), Box 5073, Stockholm 5.

SWITZERLAND

Association Suisse de Documentation (Swiss Association for Documentation), Bollwerk 25, Berne.

UNITED KINGDOM

Aslib,
3 Belgrave Square, London, S.W.1.

Library Association,
Chaucer House, Malet Place, London, W.C.1.

U.S.A.

American Documentation Institute,
c/o Library of Congress, Washington 25, D.C.

American Library Association,
50 East Huron Street, Chicago 11, Ill.

Special Libraries Association,
31 East 10th Street, New York 3, N.Y.

U.S.S.R.

Institute for Scientific Documentation,
Academy of Sciences, Baltüskü Poselak 42–6, Moscow 57.

YUGOSLAVIA

Centar za Dokumentaciju (Yugoslav Documentation Centre),
16 Admirala Geprata, Belgrade.

INTERNATIONAL ORGANIZATIONS

International Federation for Documentation,
Willem Witsenplein 6, The Hague, Netherlands.

International Federation of Library Associations,
c/o United Nations, Palais des Nations, Geneva, Switzerland.

United Nations Educational, Scientific & Cultural Organization,
19 Avenue Kléber, Paris 16, France.

Suppliers of Library Equipment and Certain Services to Libraries

SUPPLIERS OF LIBRARY EQUIPMENT AND CERTAIN SERVICES TO LIBRARIES

THIS list is not intended to be comprehensive. Where a large number of firms make a particular article, the firms included are in general those which have paid more attention to library use of their products.

Articles which can be bought at most stationers' shops, such as letter-trays or stapling machines, have been omitted.

It has only been possible to include one address, usually the London office, if any, where the equipment can be seen or information obtained. Many of the firms have offices in all large cities. Aslib does not guarantee in any way the quality or speed of delivery of the equipment listed.

Indexes of equipment and services and of trade-names follow the main list.

ABBOTT BROS (SOUTHALL) LTD
Abbess Works, Southall, Middx. Southall 1357
Abbess planfiles.

ADANA (PRINTING MACHINES) LTD
15–18 Church Street, Twickenham, Middx. Popesgrove 3655–7
Office printing equipment, including inexpensive models.

ADAPTA–CHARTS LTD
129 Hammersmith Road, London, W.14. Fulham 1063
Presson self-adhesive label holders.

ADDRESSOGRAPH-MULTIGRAPH LTD
29 Kingsway, London, W.C.2. Temple Bar 8474
Multilith offset duplicator; *Multigraph* letterpress duplicator.

AGA STANDARD LTD
16–17 Devonshire Square, London, E.C.2. Bishopsgate 8395
Filmolux self-adhesive plastic film

AMSEL LTD
Christmas Steps, Bristol 1. Bristol 21564–6
Bristol planfile units; *Flexiform* filing system.

ANSON, GEORGE & CO. LTD
Solway House, 75 Southwark Street, London, S.E.1. Waterloo 2711
Visipost visible record systems; photocopying equipment; *Vistafile* lateral filing systems.

ART METAL CONSTRUCTION CO.
199–203 Buckingham Palace Road, London, S.W.1. Sloane 5201
Steel card cabinets; *Rollindex* rotary card file; *Post-index* visible card and strip index equipment; *Vudex* pocket-type visible equipment; planfiles; *CVS* suspended filing equipment.

BX PLASTICS LTD
Cellulosics Sales Division, Manningtree, Essex.
Transpasene self-adhesive plastic film.

BARLEY, J. & SON LTD
5 Mallow Street, London, E.C.1. Clerkenwell 2887
Transfer cases.

BESLEY & COPP LTD
Courtenay Road, Exeter, Devon. Exeter 72114
Interfan continuous stationery.

BLACKWELL, E. H.
Plastics, 33 Wyatt Road, Highbury, London, N.5. Canonbury 2642
Transparent plastic covers for periodicals and books.

BLISSET, F. J. & CO.
10 Palmerston Road, London, W.3. Acorn 3965
Binding.

BLOCK & ANDERSON LTD
Cambridge Grove, Hammersmith, London, W.6. Riverside 4121
Banda spirit duplicators, *Bandarette* card duplicator; *Bandavelop* photocopying equipment.

BLUNT, G.
North Acton Road, London, N.W.10. Elgar 7411
Binding.

BRANCH, R. G. & CO. LTD
131 New North Road, London, N.1. Clerkenwell 3655
Transfer cases and open-ended boxes.

BROWN, F. C.
Queen's Road, Bisley, Surrey. Brookwood 2424–5
Card cabinets (including interlocking multiple cabinets), step-ladder stool, pamphlet boxes (all in steel).

BULMER'S (CALCULATORS) LTD
Empire House, St Martin-le-Grand, London, E.C.1. Monarch 7994
Bankdex and *Vistadex* strip indexes; *Bulmerdex* visible record equipment; *CVS* suspended filing equipment; *Orlid* spirit duplicator.

BURROUGHS ADDING MACHINE LTD
Avon House, 356–366 Oxford Street, London, W.1. Hyde Park 9861
Micro-Twin microfilming equipment and accessories.

CAKEBREAD, C. LTD
Baches Street, London, N.1. Clerkenwell 6544
Loose-leaf equipment.

CARTER-DAVIS LTD
20 Queen Elizabeth Street, London, S.E.1. Hop 5344
Primus continuous stationery, registers, and typewriter attachments.

CARTER-PARRATT LTD
Iddesleigh House, Caxton Street, London, S.W.1. Abbey 3675
Vistem visible card record system; *Admindex* and *Bizada* visible record systems and *Bizada* strip index; *Cyclocard* rotary card filing equipment; *Brisch-Vistem* punched feature cards.

CAUSER & CO.
216 Goldhawk Road, Shepherds Bush, London, W.12. Shepherds Bush 2366
Document and photocopying service.

CAVE, C. W. & CO. LTD
59 Holborn Viaduct, London, E.C.1. Central 8402
Cavedex strip index; *Cardwheel* rotary card-index equipment; *Findex* punched-card equipment.

CHIVERS, CEDRIC LTD
Portway, Bath, Somerset. Bath 7355
Binders.

CONSTRUCTORS LTD
98 Park Lane, London, W.1. Mayfair 3074
Seldex visible record system.

CONTOURA PHOTOCOPYING LTD
52A Cromwell Road, London, S.W.7. Knightsbridge 8860
Contoura portable reflex photocopier.

COPELAND-CHATTERSON CO. LTD
Gateway House, 1 Watling Street, London, E.C.4. City 2284
Paramount punched cards and accessories; *Cope-Chat* visible record cabinets with three alternative types of pocket, other visible record equipment; loose-leaf equipment; continuous stationery and attachment for typewriter.

COPYCAT LTD
40 Victoria Street, London, S.W.1. Abbey 7631–8
Copyline 500 (uses any non-camera process) and *Duplomat* rotary and flat-bed copying machines; *Copycat* reflex photo-copying machine; *Varimaster* strip index, which allows erasure and can be passed through a photocopying machine; photocopying service.

DEFINAC LTD
Victoria House, Southampton Row, London, W.C.1. Chancery 4338
Definac vertical visible record equipment.

DICK, A. B. CO. OF GREAT BRITAIN LTD
Cavendish House, 57–59 Uxbridge Road, Ealing, London, W.5.
Photocopy duplicator. Ealing 6284

DUNN & WILSON LTD
Bellevue Bindery, Falkirk. Falkirk 1591–3
Binders.

DUPL-O-PRINT CO.
Ar-Be-Ce House, 57 Fairfax Road, London, N.W.6. Maida Vale 1271
Spirit, stencil and typeset duplicators.

EASIBIND LTD
84 Newman Street, London, W.1. Museum 2141
Temporary binding equipment.

EDGLEYS LTD
151 Fleet Street, London, E.C.4. City 8383
Visible index and record equipment; rotary card files.

EGRY LTD
Warple Way, Acton, London, W.3. Shepherds Bush 3377
Continuous stationery, portable registers and typewriter attachments for use with.

ELITE OPTICS LTD
Cressex Industrial Estate, Wellington Road, High Wycombe, Bucks.
High Wycombe 792
Microcard attachment to Elite 2 in. × 2 in. slide projector or to Elite epidiascope.

ELLAMS DUPLICATOR CO. LTD
5 Dean Street, London, W.1. Gerrard 4556–9
Rotary and flat-bed stencil duplicators, including *Bantam* flat bed, suitable for reproducing catalogue cards.

ELWIN, HENRY, LTD
Plumptre Street, Nottingham. Nottingham 54033
Transfer cases.

ENGLISH NUMBERING MACHINES LTD
Queensway, Enfield, Middx. Howard 2611 (5 lines)
Numbering machines.

EVERTAUT LTD
Kern House, Kingsway, London, W.C.2. Holborn 0238
Planfiles.

EXPANDEX VISIBLE FILING CO. LTD
Surpass House, 26 Harrison Street, London, W.C.1. Terminus 1189
Suspended filing equipment.

FANFOLD LTD
74–75 Watling Street, London, E.C.4. City 3781–4
Fanfold continuous stationery and attachment for typewriter, carbonized forms, multiple set forms.

FERMAPRINT LTD
17 Fleet Street, London, E.C.4. Fleet Street 2426–7
Stencil duplicators.

FIELD, F. W. LTD
68 Weaver Street, Buxton Street, London, E.1. Bishopsgate 5644
Protective binding for individual periodicals.

FINNEY SMILEY & CO. LTD
Phoenix Works, London Road, Hackbridge, Surrey. Wallington 6621
Steel card cabinets.

FOX, C.
72 Marylebone Lane, London, W.1. Welbeck 4707
Binders.

GENERAL BINDING CO. LTD
Doman Road, Camberley, Surrey. Camberley 2205–6
Plastic ring binding machines.

GESTETNER LTD
210 Euston Road, London, N.W.1. Euston 7021
Stencil duplicators; *Photoscope* for photocopying on to stencils for further reproduction.

GLOVER, J. & SONS LTD
Groton Road, Earlsfield, London, S.W.18. Vandyke 7755
Compactus mobile shelving equipment; *Fylemor* lateral filing units; *Stormor* fixed and mobile storage equipment.

GORDON & GOTCH (SELLOTAPE) LTD
8–10 Paul Street, London, E.C.2. Bishopsgate 6511
Double-sided adhesive cellulose tape.

GRANT PRODUCTION CO. LTD
4 Rathbone Place, London, W.1. Museum 8717
Photocopying equipment.

GRAVITY LADDERS LTD
231 The Strand, London, W.C.2. Fleet Street 4896
Aluminium shelf-ladders and step-ladders.

GRESSWELL, DON LTD
Chase Side, Enfield, Middlesex. Enfield 7727
Electric stylus and transfer tapes.

GUTTERIDGE SAMPSON LTD
151 Farringdon Road, London, E.C.1. Terminus 8215
Emgee memo stamp duplicating outfit, suitable for duplicating cards.

HARVEY, G. A. & CO. (LONDON) LTD
Greenwich Metal Works, London, S.E.7. Greenwich 3232
Plan cabinets.

HUNT & BROADHURST LTD
Ideal Works, Botley Road, Oxford. Oxford 48006–8
Loose-leaf equipment, *Loxindex* visible record equipment.

IBM UNITED KINGDOM LTD
101 Wigmore Street, London, W.1. Welbeck 6600
Electric typewriters.

ILFORD LTD
104–7 High Holborn, London, W.C.1. Holborn 3401
Azoflex dyeline photocopying equipment.

INTERNATIONAL COMPUTERS & TABULATORS LTD
17 Park Lane, London, W.1. Hyde Park 8155
Hollerith and *Powers-Samas* punched card equipment.

JENKINS FIDGEON LTD
Meadows Road, Kidsgrove, Stoke-on-Trent, Staffs. Kidsgrove 2368
Microfilm cabinets, steel card cabinets; punched card ancillary equipment.

JETLEYS (GREAT BRITAIN) LTD
172 Buckingham Palace Road, London, S.W.1. Sloane 6749
Self-binding filing system

JONES, PERCY (TWINLOCK) LTD
37 Chancery Lane, London, W.C.2. Chancery 8971
Twinlock loose-leaf equipment; *Vetro Mobil* suspended and *Vetro* lateral filing systems; visible record system.

KALAMAZOO LTD
46 Wilton Place, London, S.W.1. Sloane 0858
Visible index and record systems, multiple-set forms.

KAY FILE MANUFACTURING CO. LTD
6 Roger Street, London, W.C.1. Chancery 5259
Loose-leaf equipment, pamphlet boxes (including collapsible).

KINGSBURY OFFICE EQUIPMENT LTD
352 Oxford Avenue, Trading Estate, Slough, Bucks. Slough 25571
Metal card cabinets, light alloy box files.

KODAK LTD (Recordak Division)
1–4 Beech Street, London, E.C.1. Metropolitan 0316
Recordak microfilm camera and reader; microfilming service; *Verifax* and *Signet* photocopiers; microcard reader.

LAMSON PARAGON LTD
Queens House, 28 Kingsway, London, W.C.2. Holborn 8991
Paragon continuous stationery, typewriter attachment, and other accessories.

LAWES RABJOHNS LTD
Abbey House, Victoria Street, London, S.W.1. Abbey 5656
Admel photocopying equipment; *Monex* and other sensitized papers; photocopying service.

LETHABY, W. & CO. LTD
124–32 Clerkenwell Road, London, E.C.1. Terminus 1104–6
Leda numbering machines.

LETTER FILING APPLIANCES CO. LTD
Pioneer Works, George Street, Balsall Heath, Birmingham, W.2.
Leafadex and *Kliptorail* suspended filing systems. Midland 1063–5

LIBRACO LTD
Lombard Wall, Woolwich Road, London, S.E.7. Greenwich 3308–9
A large range of library requisites, notably wooden furniture, and fittings, filing and record equipment.

LINDICATION LTD
Mark Road, Hemel Hempstead, Herts. Boxmoor 5500
Lindicator typists' copy holder.

LONDON LETTER FILE CO. LTD
143 Farringdon Road, London, E.C.1. Terminus 1441
Transfer cases; *Cordex* and *Tenet* periodical binders.

LUXFER LTD
Waxlow Road, London, N.W.10. Elgar 7292
Snead steel shelving.

MANIFOLDIA LTD
Artillery House, Artillery Row, Victoria Street, London, S.W.1. Abbey 3248
M.P. portable register, *Manibar* typewriter attachment, both for continuous stationery; *Varoe* visible automatic rotary equipment.

MASON, E. N. & SONS LTD
Arclight Works, Colchester, Essex. Colchester 5191–8
Photocopying equipment and service; plan filing cabinets in steel or wood.

MAXSONS BOOKBINDING CO. LTD
89 Newington Butts, London, S.E.11. Rodney 6270
Binders.

MELLETT, E. J.
Norbury Road, West Street, Reigate, Surrey. Reigate 4071
Wooden card cabinets.

MICRO METHODS LTD
17 Denbigh Street, London, S.W.1. Tate Gallery 1505
Microfilm, microcard, and microfiche readers; microfilming and microcarding service.

MINNESOTA MINING & MANUFACTURING CO. LTD
3M House, Wigmore Street, London, W.1. Hunter 5522
Thermofax and *Secretary* photocopiers; *Thermofax* microfilm reader-printer.

MOORE, H. A. & CO. LTD
4–5 Bridgewater Square, London, E.C.1. Monarch 1712–3
Printo and *Printomatic* card duplicators.

MOORE'S MODERN METHODS LTD
19–21 Farringdon Street, London, E.C.4. Central 3200
Loose-leaf equipment; *M.M.M.* and *Vuadex* visible index equipment; *Nimblex* visible record loose-leaf binder.

MORANE PLASTIC CO. LTD
21 Woodthorpe Road, Ashford, Middx. Ashford, Middx. 4036–7
Transparent book covers.

NATIONAL LOOSE LEAF CO. LTD
National House, Cursitor Street, Chancery Lane, London, E.C.4.
Loose-leaf equipment. Holborn 8644

NEWBURY, WALTER LTD
Grangewood House, Grangewood Street, London, E.6. Grangewood 0526
Binders.

NORTH OF ENGLAND SCHOOL FURNISHING CO. LTD
30 Bedford Row, London, W.C.1. Holborn 5221
Wooden shelving, library furniture and fittings, wooden card cabinets, etc., made to order.

OFFICE MACHINERY LTD
Omal House, 169 Tottenham Court Road, London, W.1. Euston 6821–7
Copyrex inexpensive spirit duplicator.

OFFICE MECHANISATION LTD
Ofrex House, Stephen Street, London, W.1. Museum 3686
Spirit duplicators.

OZALID CO. LTD
62 London Wall, London, E.C.2. National 0551
Dyeline photocopying equipment.

PHOTOSTAT LTD
1–4 Beech Street, London, E.C.1. Metropolitan 0311
Duostat printer and processor; photocopying service. Also will market Kodak *Verifax* transfer process producing positives on insensitized paper.

PIPER, F. & SONS LTD
62–70 Elmington Road, London, S.E.5. Rodney 5288
Tubular steel trolleys.

PUNCHED CARD ACCESSORIES LTD
Abbey House, Victoria Street, London, S.W.1. Abbey 2691
Auxiliary equipment for punched card installations.

QUICKBINDE LTD
28 Cale Street, London, S.W.3. Knightsbridge 4291
Quickbinde temporary binding equipment; *Poppet* 'fountain pens' dispensing plastic adhesive, and refills for these; pamphlet boxes, transparent book covers.

REMINGTON-RAND LTD
1–19 New Oxford Street, London, W.C.1. Chancery 8888
Speedac and *Flexifile* suspended filing and *Variadex* filing systems; *Kardex* pocket visible record cabinets; *Linedex* strip visible index equipment; steel card cabinets (up to four drawer); *Remflex* and *Dyflex* photocopying equipment; stencil duplicators; *Flexoprint* method of producing repeated lists etc.

REMPLOY LTD (Bookbinding and Printing Group)
108 Portland Street, Manchester. Central (Manchester) 4316–7
Binders.

RILEY, B. & CO. LTD
366 Leeds Road, Huddersfield. Huddersfield 1506
Binding.

RONEO LTD
17 Southampton Row, London, W.C.1. Holborn 7622
Roneodex visible record system; *Stripdex* and *Linkdex* visible index system; stencil duplicators, and 'electronic' stencil duplicators; *Roneotype* typeset duplicator; steel shelving and card cabinets; planfiles, microfilm cabinets; suspended and lateral filing systems.

ROSS LTD
Clapham Common North Side, London, S.W.4. Macaulay 2472
Microreader.

ROTADEX SYSTEMS LTD
Windsor House, 656 Chester Road, Erdington, Birmingham 23.
Rotary card files. Erdington 5795

ROTAPRINT LTD
Rotaprint House, Honeypot Lane, Kingsbury, London, N.W.9.
Rotaprint lithographic duplicators. Colindale 8822

ROYAL MCBEE
36 Worship Street, London, E.C.2. Monarch 4020
Keysort punched card systems and equipment.

RUTHURSTAT LTD
104 High Holborn, London, W.C.1. Holborn 4737
Reflex copying apparatus.

SANKEY-SHELDON LTD
46 Cannon Street, London, E.C.4. City 4477
Steel shelving, filing cabinets and systems.

SEROTA, B. LTD
57 Downham Road, Kingsland Road, London, N.1. Clissold 7266
Wooden shelving, card cabinets, library furniture and fittings made to order.

SETTEN & DURWARD LTD
132–4 Fleet Street, London, E.C.4. Fleet Street 3795
Criterion steel card cabinets with fasteners for building up.

SHANNON, THE, LTD
Imperial House, 15–19 Kingsway, London, W.C.1. Temple Bar 7175
Visible record and index equipment; suspended filing.

SHUNIC LTD
56 Wellington Road, London, N.W.8. Primrose 4485
Metal signals and guide tabs.

SMITH, W. H. & SON (ALACRA) LTD
Park Royal Road, London, N.W.10. Elgar 6555
Alacra continuous stationery, and *Alacra* portable 'registrator' and typewriter attachment for use with.

SOLOMON, E. G.
44 Worship Street, London, E.C.2. Bishopsgate 5528
Dokuphot and *Copysol* photocopiers.

STANFORD, EDWARD LTD
12–14 Long Acre, London, W.C.2. Temple Bar 1321
Map mounting and storage.

STANLEIGH, E. W. H. & CO. LTD
82 Killowen Street, Coleraine, N. Ireland Coleraine 2993
Numbering machines.

STEELETTA GRANT'S OFFICE EQUIPMENTS (STEELETTA) LTD
11 Dyer's Buildings, London, E.C.1. Holborn 0889, 1339
Steeletta shelving.

STOLZENBERG PATENT FILE CO. LTD
14 Queen Victoria Street, London, E.C.4. City 1078
Flexcord and *Flexolift* files; ring binders; *Stolantic* transfer cases; loose-leaf catalogue covers.

T.S. (OFFICE EQUIPMENT) LTD
140–148 Borough High Street, London, S.E.1. Hop 3191
Adler typewriter with device for justifying right-hand margin.

TRADE LOOSE LEAF CO.
99–102 Bradford Street, Birmingham 12. Victoria (Birmingham) 3564–8
Loose-leaf equipment; *Merlin* visible flat-top suspension filing.

TREW (MICROFILMING)
22 Park Lane, Croydon, Surrey. Croydon 3737
Dagmar microreader; *Micrex* equipment.

UNDERWOOD BUSINESS MACHINES LTD
4–12 New Oxford Street, London, W.C.1. Chancery 3131
Electric typewriter.

UNIVERSITY MICROFILMS LTD
44 Great Queen Street, London, W.C.2. Holborn 0808
American microfilm readers; microfilming service.

WEBB, SON & CO. LTD
294 City Road, London, E.C.1. Clerkenwell 3144, 2748
Binders.

WEST, A. & PARTNERS LTD
4 Abbey Orchard Street, London, S.W.1. Abbey 3323
Kangaroo and Rochester microfilm readers; *Rectophot* reflex photocopying machines; microfilming and photocopying services.

WESTWOOD, JOSEPH & CO. LTD
Napier Yard, Millwall, London, E.14. East 1043
Steel shelving.

WESTWOOD PAPER LTD
185 Goswell Road, London, E.C.1. Clerkenwell 6054
Self-Bind equipment; guillotines.

WILKES, JAMES LTD
Bath House, 57 Holborn Viaduct, London, E.C.1. Central 8132
Streamflow continuous stationery for use in typewriters (no attachment needed); *Handiregister* portable register and continuous stationery.

WILLS, A. BOOKBINDERS LTD
127A Charlmont Road, London, S.W.17. Balham 6456
Protective binding for individual periodicals.

WILSON, FRANK & CO.
55 Fore Street, Moorgate, London, E.C.2. Monarch 8907
Railex lateral suspended filing equipment; *Double Top* suspended filing; transfer cases.

WOOLSTON BOOK CO. LTD
P.O. Box 17, Gamble Street, Nottingham. Nottingham 79374–5
Electric stylus and coloured transfer tapes; plastic shelf labels, shelf label holders and book supports.

INDEX OF EQUIPMENT AND SERVICES

(See pages 181–191.)

Adhesive (plastic) dispensers.
Quickbinde.

Adhesive tape, double-sided.
Gordon & Gotch.

Binding, equipment for temporary.
Quickbinde, Easibind, General Binding, Jetleys, London Letter File, Westwood Paper.

Binding service.
Blisset, Blunt, Chivers, Dunn & Wilson, Fox, Maxsons, Newbury, Remploy, Riley, Webb.

Binding service for individual periodicals.
Field, Wills.

Book covers, transparent.
Blackwell, Morane Plastic, Quickbinde.

Carbonized forms.
Fanfold.

Card cabinets, steel.
Art Metal, F. C. Brown, Finney Smiley, Jenkins Fidgeon, Kingsbury, Remington-Rand, Roneo, Setten & Durward.

Card cabinets, wood.
Libraco, Mellett, North of England School Furnishing, Serota.

Card duplicators.
H. A. Moore, Block & Anderson, Ellams, Gutteridge Sampson.

Card files, rotary.
Art Metal, Carter-Parratt, Cave, Edgley, Rotadex.

Cards for catalogues.
Libraco.

Catalogues, method of producing repeated.
Copycat, Remington-Rand.

Compact storage.
Glover.

Continuous stationery.
Besley & Copp.

Continuous stationery and registers for use with.
Carter-Davis, Egry, Manifoldia (register only), W. H. Smith, Wilkes.

Continuous stationery and attachment for typewriters.
Carter-Davis, Copeland-Chatterson, Egry, Fanfold, Lamson Paragon, Manifoldia, W. H. Smith, Wilkes (no attachment needed).

Display stands, racks.
Libraco, North of England School Furnishing, Serota.

Duplicators.
See also Card duplicators.

Duplicators, lithographic.
Addressograph-Multigraph, Rotaprint.

Duplicators, spirit.
Block & Anderson, Bulmer's, Dupl-O-Print, Office Machinery, Office Mechanisation Limited.

Duplicators, stencil.
Dupl-O-Print, Ellams, Fermaprint, Gestetner, Remington-Rand, Roneo.

Duplicators, letterpress.
Adana, Addressograph-Multigraph, Dupl-O-Print, Roneo.

Electric stylus and transfer tapes.
Gresswell, Woolston.

Filing systems for documents.
See also Plan cabinets, planfiles.
Amsel, Anson, Art Metal, Bulmer's, Expandex, Percy Jones, Letter Filing Appliances, Remington-Rand, Roneo, Shannon, Trade Loose Leaf.

Forms, carbonized.
Fanfold.

Forms, multiple set.
Fanfold, Kalamazoo.

Furniture and fittings.
Libraco, North of England School Furnishing, Remington-Rand, Roneo, Serota.

Guide-cards and tabs.
Libraco, Shunic.

Guillotines.
Westwood Paper.

Lists, method of producing repeated.
Copycat, Remington-Rand.

Loose-leaf equipment.
See also Sheaf-binders.
Cakebread, Copeland-Chatterson, Hunt & Broadhurst, Jetleys, Percy Jones, Kay File, Moore's Modern Methods, National Loose Leaf.

Microcard readers.
Elite Optics, Kodak, Micro Methods, Ross, Trew.

Microfilm cabinets.
Jenkins Fidgeon, Roneo.

Microfilm readers.
Burroughs, Kodak, Minnesota Mining and Manufacturing, Ross, Trew, University Microfilms, Micro Methods, West & Partners.

Microfilming service.
Kodak, Micro Methods, University Microfilms, West & Partners.

Numbering machines.
English Numbering Machines, W. Lethaby, E. W. H. Stanleigh.

Pamphlet boxes, manila.
Kay File, Libraco.

Pamphlet boxes, metal.
F. C. Brown, Kingsbury, Quickbinde.

Periodical covers, transparent.
Blackwell, Quickbinde.

Photocopying equipment.
Anson, Block & Anderson, Contoura, Copycat, Dick, Gestetner (method produces stencils for duplication), Grant, Ilford, Kodak, Lawes Rabjohns, Mason, Minnesota Mining and Manufacturing, Ozalid, Photostat, Ruthurstat, Solomon, West & Partners.

Photocopying service.
Causer, Copycat, Lawes Rabjohns, West & Partners.

Plan cabinets, planfiles.
Abbott Bros., Amsel, Art Metal, Evertaut, G. A. Harvey, Libraco, Roneo.

Plastic film, self-adhesive.
Aga Standard, BX Plastics.

Punched cards and accessories.
Carter-Parratt, Cave, Copeland-Chatterson, International Computers and Tabulators, Jenkins Fidgeon, Punched Card Accessories, Royal McBee.

Sheaf-binders.
Libraco, Moore's Modern Methods.

Shelf accessories.
Adapta-Charts, Libraco, Woolston.

Shelving, steel.
Glover, Libraco, Luxfer, Roneo, Sankey-Sheldon, Steeletta, Westwood.

Shelving, wood.
Libraco, North of England School Furnishing, Serota.

Signals, metal.
Shunic.

Step-ladders.
F. C. Brown, Gravity Ladders, Libraco.

Transfer cases.
Barley, Branch, Elwin, Kay File, Libraco, London Letter File, Trade Loose Leaf, Wilson.

Trolleys, steel.
Piper.

Typewriters, electric.
IBM, Remington-Rand, Underwood.

Typewriters, noiseless.
Remington-Rand.

Typewriter, permitting justification of right-hand margin.
Typewriter Sundries.

Typists' copy holder.
Lindication.

Visible index equipment.
Art Metal, Bulmer's, Carter-Parratt, Cave, Copeland-Chatterson, Copycat, Edgley, Kalamazoo, Moore's Modern Methods, Remington-Rand, Roneo, Shannon.

Visible record equipment.
Anson, Art Metal, Bulmer's, Carter-Parratt, Constructors, Copeland-Chatterson, Definac, Edgley, Hunt & Broadhurst, Percy Jones, Kalamazoo, Manifoldia, Moore's Modern Methods, Remington-Rand, Roneo, Shannon.

INDEX OF TRADE NAMES

Trade names have not been included in this list which are the same as or similar to the first word or words of the name of the company which makes the articles.
(See pages 181–191.)

ABBESS. Abbott Bros.
ADLER. Typewriter Sundries.
ADMEL. Lawes Rabjohns.
ADMINDEX. Carter-Parratt.
ALACRA. W. H. Smith.
AZOFLEX. Ilford.

BANDA. BANDARETTE. BANDAVELOP. Block & Anderson.
BANKDEX. Bulmer's.
BANTAM. Ellams.
BIZADA. Carter-Parratt.
BRISCH-VISTEM. Carter-Parratt.
BRISTOL. Amsel.

C.V.S. Art Metal, Bulmer's.
CARDWHEEL. Cave.
COMPACTUS. Glover.
COPYREX. Office Machinery.
COPYLINE 500. Copycat.
COPYSOL. Solomon.
CORDEX. London Letter File.
CRITERION. Setten & Durward.
CYCLOCARD. Carter-Parratt

DAGMAR. Trew.
DOKUPHOT. Solomon.
DOUBLE TOP. Wilson.
DUOSTAT. Photostat
DUPLOMAT. Copycat.
DYFLEX. Remington-Rand.

EMGEE. Gutteridge Sampson.

FILMOLUX. Aga Standard.
FINDEX. Cave.
FLEXICORD. Stolzenberg.
FLEXIFILE. FLEXOPRINT. Remington-Rand.
FLEXIFORM. Amsel.
FLEXOLIFT. Stolzenberg.
FYLEMOR. Glover.

HANDIREGISTER. Wilkes.

INTERFAN. Besley & Copp.

KANGAROO. West & Partners.
KARDEX. Remington-Rand.
KEYSORT. Royal McBee.
KLIPTORAIL. Letter Filing Appliances.

LEAFADEX. Letter Filing Appliances.
LEDA. W. Lethaby.
LINEDEX. Remington-Rand.
LINKDEX. Roneo.
LOXINDEX. Hunt & Broadhurst.

M.M.M. Moore's Modern Methods.
M.P. Manifoldia.
MANIBAR. Manifoldia.
MERLIN. Trade Loose Leaf.
MICREX. Trew.
MICRO-TWIN. Burroughs.
MONEX. Lawes Rabjohns.
MULTIGRAPH. MULTILITH. Addressograph-Multigraph.

NIMBLES. Moore's Modern Methods.

ORLID. Bulmer's.
OZAMASTER. OZAMINOR. OZARAPID. Ozalid.

PARAGON. Lamson Paragon.
PARAMOUNT. Copeland-Chatterson.
PHOTOSCOPE. Gestetner.
POPPET STICK-A-PEN. Quickbinde.
POSTINDEX. Art Metal.
PRESSON. Adapta-Charts.

PRIMUS. Carter-Davis.
PRINTO. PRINTOMATIC. H. A. Moore

RAILEX. Wilson.
RECORDAK. Kodak.
RECTOPHOT. West & Partners.
REMFLEX. Remington-Rand.
ROCHESTER. West.
ROLLINDEX. Art Metal.

SECRETARY. Minnesota Mining and Manufacturing.
SELDEX. Constructors.
SELF-BIND. Westwood Paper.
SIGNET. Kodak.
SNEAD. Luxfer.
SPEEDAC. Remington-Rand.
STORMOR. Glover.
STREAMFLOW. Wilkes.
STRIPDEX. Roneo.

TENET. London Letter File.
THERMOFAX. Minnesota Mining and Manufacturing.
TRANSPASENE. BX Plastics.
TWINLOCK. Percy Jones.

VARIADEX. Remington-Rand.
VARIMASTER. Copycat.
VAROE. Manifoldia.
VERIFAX. Kodak, marketed by Photostat.
VETRO MOBIL. Percy Jones.
VISIPOST. Anson.
VISTADEX. Bulmer's.
VISTAFILE. Anson.
VISTEM. Carter-Parratt.
VUADEX. Moore's Modern Methods.
VUDEX. Art Metal.

Memorandum and Articles of Association of Aslib

THE COMPANIES ACT 1948

COMPANY LIMITED BY GUARANTEE AND NOT HAVING A SHARE CAPITAL

Memorandum of Association

OF

Aslib

1. The name of the Company (hereinafter called 'the Association') is ASLIB.

2. The registered office of the Association will be situate in England.

3. The objects for which the Association is established are:

(*a*) To take over such of the assets and liabilities of the Company known as the Association of Special Libraries and Information Bureaux incorporated in 1926 and of the unincorporated Association known as the British Society for International Bibliography as may lawfully be taken over by the Association.

(*b*) To advance and promote documentation and the study of bibliographical methods and of the classification of information and to promote national and international collaboration in bibliography and documentation and to compile and to foster the compilation of comprehensive and specialist bibliographies.

(*c*) To support the principle of unrestricted interchange of all non-confidential knowledge and information.

(*d*) To encourage the formation and advance the interests of special libraries information bureaux and all kindred and related services.

(*e*) To promote the holding of meetings for the reading and discussing of papers on all subjects relevant to the objects of the Association.

(*f*) To promote professional knowledge amongst documentalists and persons working in special libraries and information bureaux to hold classes to conduct examinations and to grant scholarships prizes and certificates for competency in professional knowledge relating to the foregoing objects. Provided that every such certificate shall contain on its face a statement to the effect that it is not issued with any statutory or Government sanction but solely by the authority of the Association.

(*g*) To apply or petition for or promote any Act of Parliament Royal Charter or other authority with a view to the attainment or extension of all or any of the objects of the Association.

(*h*) To print and publish books periodicals papers leaflets and any other literary matter concerned with the promotion of the objects of the Association.

(*i*) To apply to the Government public bodies Urban Local Municipal County and other bodies corporations companies or persons for and to accept grants of money and (subject to Section 14 of the Companies Act 1948) of land donations gifts subscriptions and other assistance with a view to promoting the objects of the Association and to discuss and negotiate with the Committee of the Privy Council for Scientific and Industrial Research and other Government Departments public and other bodies corporations companies or persons schemes of research and other work and matters within the objects of the Association and to conform to any proper conditions upon which such grants and other payments may be made.

(*j*) To establish promote amalgamate with become a member of act as or appoint trustees agents or delegates for control manage superintend afford financial assistance to or otherwise assist any associations and institutions and other bodies incorporated and unincorporated whose objects wholly or in part are in sympathy with those of the Association and which prohibit the distribution of their income and property amongst their members to an extent at least as great as is imposed on the Association by Clause 4 of the Memorandum.

(*k*) To establish maintain control and manage branches of the Association in the United Kingdom and elsewhere as may seem expedient and from time to time to determine the constitution rights privileges obligations and duties of such branches and when thought fit to dissolve or modify the same.

(*l*) To undertake and execute any trusts which may be conducive to any of the objects of the Association.

(*m*) To borrow or raise any money which may be required by the Association upon such terms as may be deemed advisable and in particular by the issue of bonds debentures bills of exchange promissory notes or other obligations or securities of the Association and by mortgage or charge of all or any part of the property of the Association.

(*n*) To draw make accept indorse execute and issue promissory notes bills of exchange and other negotiable or transferable instruments.

(*o*) To invest the monies of the Association not immediately required in any one or more of the modes of investment for the time being authorised by law for the investment of trust monies and in such manner as may from time to time be determined.

(*p*) Subject to the provisions of Section 14 of the Companies Act 1948 to purchase take on lease or in exchange hire or otherwise acquire any real or personal property and in particular any land buildings workshops factories laboratories machinery plant apparatus appliances and any rights or privileges necessary or convenient for the purposes of the Association and to construct erect alter improve and maintain any buildings which may from time to time be required for the purposes of the Association and to manage develop sell demise let mortgage dispose of turn to account or otherwise deal with all or part of the same with a view to the promotion of the objects of the Association.

(*q*) To pay all expenses preliminary or incidental to the formation of the Association and its registration and arising from the liquidation of the Association of Special Libraries and Information Bureaux (incorporated in 1926) and the dissolution of the British Society for International Bibliography.

(*r*) To establish and support or aid in the establishment and the support of associations institutions funds trusts and conveniences calculated to benefit employees or ex-employees of the Association or the dependants or connexions of such persons and to grant pensions and allowances to and to make payments towards insurance of such persons.

(*s*) To procure the Association to be registered or recognised in any part of the British Commonwealth any British Colony or in any foreign country or place.

(*t*) To do all such other lawful things as may be incidental to or conducive to the attainment of the above objects.

Provided Always that nothing herein contained shall empower the Association to carry on the business of life assurance personal accident insurance fire insurance employers' liability insurance or any business of insurance within the meaning of the Assurance Companies Act 1909 or any Act extending amending or re-enacting the same or to re-insure any risks comprised in any such business as aforesaid.

Provided Also that the Association shall not support with its funds any object or endeavour to impose on or procure to be observed by its Members or others any regulation restriction or condition which if an object of the Association would make it a Trade Union.

Provided Also that in case the Association shall take or hold any property subject to the jurisdiction of the Charity Commissioners or Ministry of Education or any authority exercising corresponding jurisdiction outside England and Wales the Association shall not sell mortgage charge or lease the same without such authority approval or consent as may be required by law and as regards any such property the Managers or Trustees of the Association shall be chargeable for such property as may come into their hands and shall be answerable and accountable for their own acts receipts neglects and defaults and for the due administration of such property in the same manner and to the same extent as they would as such Managers or Trustees have been if no incorporation had been effected and the incorporation of the Association shall not diminish or impair any control or authority exercisable by the Chancery Division Charity Commissioners or the Ministry of Education or any such other authority as aforesaid over such Managers or Trustees but they shall as regards any such property be subject jointly and separately to such control or authority as if the Association were not incorporated. In case the Association shall take or hold any property which may be subject to any trusts the Association shall only deal with the same in such manner as allowed by law having regard to such trusts.

4. The income and property of the Association whencesoever derived shall be applied solely towards the promotion of the objects of the Association as set forth in this Memorandum of Association and no portion thereof shall be paid or transferred directly or indirectly by way of dividend gift division bonus or otherwise howsoever by way of profit to the Members of the Association. PROVIDED that nothing herein shall prevent the payment in good faith of reasonable and proper remuneration to any officer of the Association or to any Member of the Association in return for any services actually rendered to the Association nor prevent the payment of interest at a rate not exceeding four per centum per annum on money lent or payment of a reasonable and proper rent for premises demised or let by any Member to the Association but so that no Member of the Council or Governing Body of the Association shall be appointed to any salaried office of the Association or any office of the Association paid by fees and that no remuneration or other benefit in money or money's worth shall be given by the Association to any member of such Council or Governing Body except by way of repayment of out-of-pocket expenses and interest at the rate aforesaid on money lent or the payment of a reasonable and proper rent for premises demised or let to the Association (or any remuneration to any member of the Council of the Association in accordance with any recommendation by or with the approval of the Committee of the Privy Council for Scientific and Industrial Research) provided that nothing hereinbefore contained shall prevent any payment to any Railway Gas Electric Lighting Water Cable or Telephone Company of which a member of the Council may be a member or shareholder holding less than one-hundredth part of its capital or to any other corporate body or to any firm with the previous consent of the Committee of the Privy Council for Scientific and Industrial Research and Members shall not be bound to account for any share of profits they may receive in respect of any such payment. PROVIDED also that nothing herein shall prevent any Member of the Association whether a Member of the Council or not from exercising any processes and making using acquiring and vending any articles and things in the ordinary course of his business for profit or otherwise under any licence or permission in respect of any discovery invention and patents resulting from the work of the Association.

5. No addition alteration or amendment shall be made to or in the regulations contained in the Memorandum and Articles of Association for the time being in force unless the same shall have been previously submitted to and approved by the Board of Trade in consultation with the Committee of the Privy Council for Scientific and Industrial Research.

6. The fourth and fifth paragraphs of this Memorandum contain conditions on which a licence is granted by the Board of Trade to the Association in pursuance of Section 19 of the Companies Act 1948.

7. The liability of the Members is limited.

8. Every Member of the Association undertakes to contribute to the assets of the Association in the event of the same being wound up while he is a Member or within one year after he ceases to be a Member for payment of the debts and liabilities of the Association contracted before he ceases to be a Member and of the costs charges and expenses of winding up and for the adjustment of the rights of the contributories among themselves such amount as may be required not exceeding £2 2*s*. 0*d*.

9. If upon the winding up or dissolution of the Association there remains after the satisfaction of all its debts and liabilities any property whatsoever the same shall not be paid to or distributed among the Members of the Association but shall be given or transferred to some other institution or institutions having objects similar to the objects of the Association and which shall prohibit the distribution of its or their income and property among its or their members to an extent of at least as great as is imposed on the Association under or by virtue of Clause 4 hereof such institution or institutions to be determined by the Members of the Association subject to the approval of the Committee of the Privy Council for Scientific and Industrial Research at or before the time of dissolution and if and so far as effect cannot be given to the aforesaid provision then to some charitable object.

10. True accounts shall be kept of the sums of money received and expended by the Association and the matters in respect of which such receipts and expenditure take place of all sales and purchases of goods by the Association and of the property credits and liabilities of the Association. Once at least in every year the accounts of the Association shall be examined and the correctness of the balance sheet ascertained by one or more properly qualified auditor or auditors.

We the several persons whose names and addresses are subscribed are desirous of being formed into a Company in pursuance of this Memorandum of Association.

Names, Addresses and Descriptions of Subscribers	
Charles le Maistre, Technical Adviser, Lea Gate House, Bramley, Surrey	
John Frank Stanley, Assistant Technical Director, British Standards Institution, 28 Victoria Street, S.W.1	
Thomas Martin Herbert, Scientific Research Manager, British Railways—L.M.R., Euston Station, N.W.1	
Benjamin Fullman, Information Officer, British Non-Ferrous Metals Research Association, Euston Street, N.W.1	
Irene Shrigley, Librarian, The Institute of Bankers, 11 Birchin Lane, E.C.3	
John Edgar Wright, Librarian, Institution of Electrical Engineers, Savoy Place, W.C.2	
Archibald Ernest Cummins, Librarian, The Chemical Society, Burlington House, W.1	

Dated this 7th day of April 1949.

Witness to the above signatures:

ROBERT ARTHUR FAIRTHORNE,
Principal Scientific Officer,
Royal Aircraft Establishment,
Farnborough, Hants.

DONALD JAMES URQUHART,
Principal Scientific Officer,
Department of Scientific and Industrial Research,
4–12 Lower Regent Street, S.W.1.

THE COMPANIES ACT 1948

COMPANY LIMITED BY GUARANTEE AND NOT HAVING A SHARE CAPITAL

Articles of Association

OF

Aslib

1. In the construction of these presents the following words and expressions shall have the following meanings respectively unless there be something in the subject matter or context repugnant thereto:

"The Act" means the Companies Act 1948.

"Month" means calendar month.

"The Association" means "Aslib".

"The Office" means the registered office of the Association.

"The Council" means the Council of the Association for the time being as constituted under these presents.

"Director" includes any person appointed to perform the duties of Director of the Association, whether temporarily or otherwise.

"Secretary" includes any person appointed to perform the duties of Secretary of the Association, whether temporarily or otherwise.

"In Writing" and "Written" include printing, lithography, photography and typewriting and all other modes of representing or reproducing words in visible form.

Words which have a special meaning assigned to them in the Companies Act have the same meaning in these presents.

Words importing the singular number include the plural, and the converse applies.

Words importing males include females.

Words importing persons include corporations.

"Notice" includes all written communications to members.

"These presents" means the Articles of Association for the time being of the Association.

"The Department" means the Committee of the Privy Council for Scientific and Industrial Research.

STRUCTURE

2. The Association is a Company limited by guarantee and not having a capital divided into shares comprising five classes of members. It shall be managed by a Council constituted in accordance with Article 14 of these presents, a Director and the necessary staff. The Association is established for the purposes expressed in the Memorandum of Association.

MEMBERS

3. For the purpose of registration the number of Members of the Association is declared to be one thousand, but the Council may register any increase in the number of Members whenever and as often as may be thought fit.

4. The subscribers hereto shall be the first Ordinary Members and subject as hereinafter mentioned it shall rest with the Council to determine the terms and the conditions on which subsequent Members shall from time to time be admitted.

Note: These Articles of Association are as registered on 7th April 1949, and amended by Special Resolution adopted on 9th June 1954, and 19th March 1958.

5. The membership of the Association shall consist of persons and corporate bodies with the following status:

(*a*) Ordinary Members who shall be the signatories of the Memorandum of Association and those British subjects concerned or in sympathy with the objects of the Association and those British organizations and corporations concerned or in sympathy as aforesaid as shall apply and be accepted for membership in accordance with these Articles and upon such terms and conditions as may from time to time be prescribed by the Council.

(*b*) British Overseas Members who shall be such persons, organisations or corporations subject to the laws of some part of the British Commonwealth and Colonies and having their principal address therein as shall apply and be accepted for membership as aforesaid.

(*c*) Foreign Members who shall be such person., organisations or corporations subject to the laws of any Foreign State and having their principal address therein as shall apply and be accepted for membership as aforesaid. The expression "Foreign State" means any country or state other than the United Kingdom and Colonies and the countries mentioned in sub-section (3) of Section 1 of the British Nationality Act 1948 and the Republic of Ireland.

(*d*) Associate Members who shall be those persons who either shall not have attained the age of twenty-one years or shall be additional representatives of organisations and corporate bodies which are already Ordinary British Overseas or Foreign Members of the Association and who shall in each case be otherwise qualified to apply for such membership upon such terms and conditions as may from time to time be prescribed by the Council.

(*e*) Honorary Members who shall be such persons as have rendered distinguished service to or in promoting the objects of the Association or whose election will in the opinion of the Council be advantageous to its interests or objects and as may from time to time be elected by the Council to be Honorary Members.

Provided always that an Ordinary Member must be a British subject or body corporate and in all cases where capital is divided into shares having more than half of the issued capital owned by British subjects in their own right entitling the holders thereof to more than half of the voting power of the Company; provided also that any Member ceasing to fulfil the requisite conditions of membership shall *ipso facto* cease to be a Member.

6. Every applicant for membership shall make written application in such form as may from time to time be prescribed by the Council. Such application must be signed by the applicant and one Member, other than an Associate Member, as proposer unless the Council at its discretion decides that a proposer may be dispensed with.

7. (*a*) An organisation or body, corporate or non-corporate, desirous of obtaining the advantages of membership shall give in writing to the Council with its application such particulars of its constitution and objects and of its principal office or place of business and of its shareholding as may be required by the Council and shall thereafter give such particulars when and as often as may be required by the Council. Any organisation or body admitted into membership shall nominate a representative to serve as a channel of communication between itself and the Association.

(*b*) If such organisation or body is non-corporate it shall not as such be eligible for membership of the Association, but it shall nominate an individual person to act as its representative who shall sign a form of consent to act as such representative and become a Member on its behalf. Every such nomination shall be subject to the approval of the Council and such representative when so approved shall be and become a Member of the Association, and be subject to all the obligations, liabilities, rules and regulations applicable to members of the class to which he belongs.

(*c*) Any nomination may from time to time be revoked by the nominating body which may thereupon (subject to due compliance with its obligations under paragraph (*a*)) nominate another representative. Upon receipt by the Council of any revocation of a nomination such nominee shall *ipso facto* cease to be a member or to act or be entitled or recognised as a representative of the nominating body. Any nominee in place of a representative who shall have ceased to be entitled to act as such shall if he complies with paragraph (*b*) of this article and is duly approved by the Council become a Member in place of the representative so ceasing and be entitled to act as the representative of the nominating body in place of its former representative and shall enjoy the same rights and be subject to the same obligations as such former representative

(*d*) The Council may at its absolute discretion withdraw at any time its approval of a nominee, and in such event shall notify the nominating body of such withdrawal. Thereupon such nominee shall cease to be a Member of the Association or to have any rights as the representative of such nominating body, and such nominating body (subject to due compliance with its obligations as aforesaid) may nominate another representative, but the provisions of paragraph (*c*) of this Article shall apply to such nominee. Provided that in the case of a Member who has been appointed by the Department to be a Member of the Council the Council shall not take action under this Article without previous consultation with the Department.

ADMISSION OF MEMBERS

8. Applications for membership shall be submitted to the Council in a memorandum accompanying the notice convening the first appropriate meeting of the Council subsequent to the application when a majority of not less than two-thirds of those present and voting shall suffice to elect the applicant. In the event of any application not obtaining the requisite majority when first submitted it shall be submitted to the next ensuing meeting of the Council when the unanimous consent of those present and empowered to vote shall be required to elect the applicant. Membership shall commence upon election in accordance with the provisions of this clause, and thereupon a Member shall be bound by these presents and by the regulations and bye-laws of the Association from time to time in force.

DUTIES AND PRIVILEGES OF MEMBERSHIP

9. Every Member shall be bound to pay to the Association such entrance fee, if any, and such annual subscription or assessment, if any, as shall from time to time be prescribed by the Council. All such payments shall be made at such time and in such manner and subject to such conditions as may from time to time be prescribed by the Council and in force at the time of such payments always provided that those Members of the British Society for International Bibliography who were not also Members of the Association of Special Libraries and Information Bureaux (Incorporated 1926) immediately prior to 7th April, 1949, shall at no time be required to pay any subscription greater than that previously paid by them to the British Society for International Bibliography. Honorary Members shall not be called upon to pay any entrance fee or subscription.

10. Each Member shall be bound:

(*a*) To observe the provisions of these presents and of the Memorandum of Association and the regulations and bye-laws of the Association for the time being in force.

(*b*) To pay and make good to the Association any loss or damage which the Association may sustain through any neglect or wilful act or default of such Member which shall be a breach of any provision of these presents and of the Memorandum of Association or of any regulation or bye-law of the Association.

(*c*) To promote and further the objects, interests and influence of the Association.

11. No Member other than an Ordinary Member shall be entitled to vote at General Meetings. Members other than Ordinary Members shall be entitled to such of the privileges and benefits of the Association as the Council may from time to time determine and may be present at any General Meeting but without having the power to vote thereat.

DETERMINATION OF MEMBERSHIP

12. Membership of the Association shall cease under any of the provisions following:

(*a*) By ceasing to satisfy the requisite qualifications or conditions of membership required by these presents.

(*b*) By resignation upon one month's notice in writing given to the Association and upon payment of all monies due to the Association at the date when such notice shall take effect.

(*c*) If and when any payment due to the Association by a Member be in arrear and unpaid for six months: provided, however, that the Council shall have power to reinstate such Member upon such terms concerning payment of arrears and otherwise as may be deemed expedient.

(*d*) If a non-corporate organisation or body as whose representative a Member has been nominated and admitted shall be wound up, dissolved, or shall otherwise cease to exist, or if a Member being an individual shall become bankrupt or of unsound mind.

(*e*) Any Member may be removed from membership of the Association by a resolution of the Council passed by a majority of at least three-fourths of the Members present and voting at a special Council meeting of which not fewer than twenty-one days' previous notice specifying the intention to propose such resolution shall have been sent to the Member whose removal is in question and to all Members of the Council.

Notice of the general nature of the grounds on which such resolution is proposed shall be sent to the Member whose removal is in question at least fourteen days before the meeting and he shall be invited to attend such meeting and shall be entitled to be heard thereat.

Provided that where a Member ceases to be so under paragraphs (*a*), (*c*), (*d*) or (*e*) of this clause he shall be and remain liable to pay if called upon by the Council any subscription or other monies due to the Association at the date of determination of membership under this clause and also any undischarged liability under any undertaking or guarantee given for any subscription or other monies for any period.

COUNCIL OF THE ASSOCIATION

13. The business of the Association shall be managed by a Council.

14. Unless and until otherwise decided by the Association in General Meeting, the Council shall consist of a President, up to four Vice-Presidents, an Honorary Secretary and an Honorary Treasurer appointed in accordance with Article 35, together with one representative appointed by each local branch serving *ex officio*, not more than thirty-six nor less than twelve Ordinary Members elected as hereinafter provided, not more than five persons co-opted in accordance with Article 15, and not more than three persons appointed by the Department in accordance with Article 18. Two Immediate Past Presidents, if they express their willingness to serve, may also be nominated by the Council to be *ex-officio* Members of the Council. All Members of the Council shall have the right to vote at meetings of the Council.

15. The Council may co-opt not more than five Members of Council who need not be Members of the Association and need not qualify for membership of the Council by subscription, donation or otherwise but who must be British subjects resident in the United Kingdom. Provided always that the number of such co-opted Members shall never be more than one-seventh of the whole body of the Members of Council exclusive of those nominated and appointed by the Department, and provided always that the co-optation of every Member of Council co-opted under this Article shall be reviewed by the Council every year.

16. At each Annual General Meeting one-third of the Ordinary Members elected to the Council shall retire, or if their number is not a multiple of three then the number nearest to one-third shall retire. The Members of Council to retire in every year shall be those who have been longest in office since their last election, but as between persons who become Members of Council on the same day, those to retire shall unless they otherwise agree among themselves be determined by lot. All elected Members so retiring shall be deemed to be eligible for re-election provided that any Member who shall have served for six consecutive years shall not be eligible for re-election until the election one year next after the year in which he shall have retired.

17. The nomination and election of persons to hold office as elected Members of the Council shall be as follows:

(*a*) Not later than two months before the Annual General Meeting in each year the Council shall send to each Member of the Association entitled to vote a list of duly qualified persons whom they nominate for any vacancies about to occur in the offices of President, Vice-President, Honorary Treasurer, Honorary Secretary, and elected Member of Council at the Annual General Meeting. In the list of persons nominated by the Council for the vacancies in the office of elected Member of Council it shall be indicated which of the nominees have previously served on the Council and the period of service in each case.

(*b*) Not later than twenty-one days after the issue of the Council's list of nominations any four Members of the Association may nominate any other duly qualified Member to fill any vacancy in the office of elected Member of Council by delivering such nomination in writing to the Director together with the written consent of such person to accept office if elected, but each such nominator shall be debarred from nominating any other person for the same election.

(*c*) Not later than twenty-one days before the Annual General Meeting in each year or such later date as the Council may approve the Council shall send to each Member of the Association entitled to vote a ballot paper containing the names of all persons duly nominated to fill the vacancies referred to in Clauses (*a*) and (*b*) of this Article stating which persons are nominated by the Council and giving the names of the Members of the Association by whom every other person, if any, is nominated. Provided that if no candidate or candidates has or have been nominated under the provisions of Clause (*b*) of this Article the persons nominated by the Council shall be deemed to be duly elected and no ballot papers shall be issued.

(*d*) In the event of there being a ballot each Member of the Association shall vote for such candidate or candidates whose name or names appear on the ballot paper as the Member shall desire but not exceeding in number the number to be elected to the respective offices. The ballot papers shall be returned so as to reach the Director not later than twenty-one days after their issue by the Council and they shall be marked and returned in such manner as may from time to time be determined by the Council.

(*e*) At the Annual General Meeting, and if it has been necessary to hold a postal ballot as aforesaid, the Chairman shall nominate five scrutineers for the approval of the Meeting from among the Members of the Association present other than the candidates. The ballot papers shall be delivered unopened by the Director to the scrutineers who shall open them and count the votes and report the result to the Meeting. Such report, if accepted by the Meeting, shall be conclusive on the fact of the election notwithstanding any irregularity or informality. In the event of the scrutineers being unable to report the election of the prescribed number of persons to fill the

vacancies in the Council owing to an equality of votes they shall submit the names of the candidates having the same number of votes to the Chairman of the Meeting who shall determine by his casting vote or votes which such candidate or candidates having such an equality of votes shall be elected.

18. The Department may, on the invitation of the Council, and if the Association is in receipt of a grant from the Department, shall have the right to nominate and appoint not more than three persons (whether Members of the Association or not) as additional Members of the Council, whatever the number of the Council may be, and may remove from time to time one or more of such additional Members and in that event, or in the event of any casual vacancy among such additional Members of the Council, may appoint others in their place. Provided always that the Department shall not be bound to exercise the said right. All nominations, appointments and revocations under this Article shall be made in writing addressed to the Director of the Association, and every Member of the Council so nominated and appointed shall continue to act as a Member of the Council until withdrawn by the Department.

19. Notwithstanding the provisions aforesaid a nominated Member shall cease to be a Member of the Council in any of the events mentioned in Article 20.

20. The office of a Member of the Council shall *ipso facto* be vacated:

(*a*) If he becomes bankrupt or suspends payment or compounds with his creditors.

(*b*) If he is found lunatic or becomes of unsound mind.

(*c*) If by notice in writing to the Council he resigns his office.

(*d*) If being an Ordinary Member or a director or other officer of a corporate ordinary member he or such corporate ordinary member, as the case may be, ceases to be an Ordinary Member of the Association.

(*e*) If being an Ordinary Member who has become such under Article 7 (*b*) or 7 (*c*) of these presents he ceases to be an Ordinary Member of the Association.

(*f*) If by virtue of Section 185 of the Act he ceases to be capable of being appointed a Director of a Company.

(*g*) If he becomes prohibited from being a Director of a Company by reason of any order made under Section 188 of the Act.

21. The Association may by Extraordinary Resolution remove any elected Member of the Council before the expiration of his period of office and may by an Ordinary Resolution appoint another qualified Member in his stead, but any person so appointed shall retain his office so long only as the Member of the Council in whose place he is appointed would have held it if he had not been removed.

22. Subject as aforesaid the Council shall be entitled to appoint a person otherwise eligible for election as a Member of the Council to fill a casual vacancy howsoever caused, and by way of addition to the Council, provided that the maximum number of Members prescribed by these presents be not thereby exceeded. The person so appointed shall hold office until the Annual General Meeting next after his appointment but he shall then be eligible for re-election.

23. No act or resolution of the Council shall be invalidated by reason of the existence of any vacancy or vacancies among Members of the Council, but if the number of the Members of the Council shall be or be reduced to fewer than seven, the Members for the time being may act for the purpose only of filling vacancies on the Council for elected Members of Council or of summoning a General Meeting of the Association.

POWERS OF THE COUNCIL OF THE ASSOCIATION

24. The Council shall have sole control in regard to all matters relating to the management and organisation of the Association. In addition to the powers and authorities by these presents or otherwise expressly conferred upon them, they may exercise all such powers and do all such acts and things as may be exercised or done by the Association, and not hereby or by statute expressly directed or required to be exercised or done by the Association in General Meeting, but subject nevertheless to the provisions of any Acts of Parliament for the time being in force and of these presents.

25. Without prejudice to the general powers conferred by the last preceding clause and the other powers conferred by these presents, it is hereby expressly declared that the Council shall have the following powers, that is to say:

(*a*) To make and impose, vary and repeal bye-laws, rules and regulations for the administration and government of the Association and for carrying its objects into effect. Provided always that the same shall not in any way affect, vary or alter the provisions contained in these presents.

(*b*) To agree and pay the costs, charges and expenses preliminary and incidental to the promotion, formation, establishment and registration of the Association and the preparation, adoption and registration of the Association's Memorandum of Association and of these presents.

(*c*) To pay all expenses incurred in carrying out the objects of the Association.

(*d*) Subject to Section 14 of the Act to purchase or otherwise acquire for the Association any property, rights or privileges which the Association is authorised to acquire at such price, and generally on such terms and conditions as they think fit.

(*e*) To secure the fulfilment of any contracts or any engagements entered into by the Association by mortgage or charge of all or any of the property of the Association, or in such manner as they may think fit.

(*f*) To take offices or acquire premises for the use of the Association, and to appoint and at their discretion remove or suspend such Directors, managers, secretaries, officers, clerks, agents and servants, whether engaged for permanent, temporary or special services, and to determine their powers and duties and fix their salaries or emoluments and to require security in such instances and to such amount as they think fit.

(*g*) To engage professional or other assistance in connection with the business of the Association and subject to the provisions of the Memorandum of Association to pay reasonable fees or remuneration for the same as they may think fit.

(*h*) To appoint any person or persons whether incorporated or not to act as trustee or trustees to accept and hold in trust for the Association any property belonging to the Association or in which it is interested, or for any other purposes, and to execute and do all such deeds and things as may be requisite in relation to any such trust and to provide for the remuneration of such trustee or trustees.

(*i*) To institute, conduct, defend, compound, or abandon any legal proceedings by or against the Association or its officers, or otherwise concerning the affairs of the Association and also to compound and allow time for payment or satisfaction of any debts due and of any claims or demands by or against the Association.

(*j*) To refer any claims or demands by or against the Association to arbitration and observe and perform the awards.

(*k*) To make and give receipts, releases and other discharges for money payable to the Association and for the claims and demands of the Association.

(*l*) To affix the seal of the Association to all deeds and documents requiring the same.

(*m*) To determine who shall be entitled to sign on the Association's behalf bills, notes, receipts, acceptances, endorsements, cheques, releases, contracts and other documents.

(*n*) To invest and deal with any of the monies of the Association not immediately required for the purposes thereof upon such securities for the time being authorised by law for the investment of trust funds and in such manner as they may think fit, and from time to time to vary or realise such investments, subject nevertheless to the provision contained in the Memorandum of Association.

(*o*) To enter into all such negotiations and contracts and to rescind and vary all such contracts and execute and do all such acts, deeds and things in the name and on behalf of the Association as they may consider expedient for or in relation to any of the matters aforesaid or otherwise for the purposes of the Association.

(*p*) To delegate any of their powers (other than their powers under Article 22 and Article 12 (*e*) hereof) to committees consisting of two or more members of their body together with any other Members of the Association who are not Members of the Council: provided always that such Members in Committee who are not also Members of Council shall not exceed one-half in number of each committee respectively and that their co-optation be subject to the approval at all times of the Council and to make and impose upon such committees such rules and regulations as to their meetings, proceedings and otherwise and to vary the same from time to time as they shall think fit.

(*q*) To set up, constitute and organise local branches, specialist groups or other dependent organisations of the Association, consisting of Members of the Association, in such places as they may think fit and to appoint or authorise the members of such organisations to appoint committees consisting of Members of the Association to control and manage such organisations and to define the powers and duties of such organisations and committees and to make and impose bye-laws, rules and regulations for the administration and government of such organisations and of such committees and to delegate any of their powers to such organisations and to such committees as they may deem fit.

(*r*) To apply for or oppose the application by others for patents, concessions, rights, charters and legislative acts and authorisations from any Government or authority.

(*s*) To appoint at any time and from time to time by power of attorney under the seal of the Association any Members of the Association to be the attorneys of the Association for such purposes with such powers and for such period and subject to such conditions as the Council may from time to time think fit, but so that the Council shall not be at liberty to delegate to any such attorneys any of the discretions vested in the Council by these presents. Any such appointment may (if the Council think fit) be made in favour of the members or any members of any local branch established as aforesaid, and any such power of attorney may contain such provisions for the protection or convenience of persons dealing with such attorneys as the Council think fit.

(*t*) To exercise the powers conferred by Section 35 of the Act and such powers shall accordingly be vested in the Council.

(*u*) To make provision for compliance with any regulation which may be attached by the Department to the payment of grant.

PROCEEDINGS OF THE COUNCIL

26. The Council may meet together for the dispatch of business, adjourn and otherwise regulate their meetings and proceedings as they think fit, and may determine the quorum necessary for the transaction of business. Until the Council otherwise determines five elected Members of the Council shall be a quorum.

27. The Council shall elect from among their number a chairman and a vice-chairman of their meetings and determine the period for which they are to hold office respectively, but if no such chairman or vice-chairman be elected, or if they are not present at the commencement of any meeting of the Council, the Members of the Council shall elect a chairman from those present at that meeting.

28. The Council may at any time and the Director upon request of the Chairman or of any three Members of the Council shall convene a meeting of the Council. In the case of a meeting convened at the request of the Chairman or three Members of the Council the notice of meeting shall state the character of the business to be discussed, and only business of which notice shall so be given shall be discussed at that meeting. Each Member of the Council shall name an address in the United Kingdom at which all notices shall be served upon him, and all notices served at such address shall be deemed to be well served. Questions arising at any meeting of the Council shall be decided by a resolution of the majority of Members present at such meeting. In the event of the vote being equally divided the Chairman shall have a casting vote in addition to the vote to which he is entitled as a Member of the Council.

29. A meeting of the Council for the time being at which a quorum is present shall be competent to exercise all or any of the authority, powers and discretions by or under the Articles of Association for the time being vested in or exercisable by the Council generally.

30. The meetings and proceedings of any committee appointed by the Council under Article 25 (*p*) shall be governed by the provisions herein contained for regulating the meetings and proceedings of the Council, so far as the same are applicable thereto, and are not superseded by any regulation made by the Council under Article 25 (*p*).

31. All acts done by any meeting of the Council or by a committee of the Council or by any person acting as a Member of the Council shall notwithstanding that it shall be afterwards discovered that there was some defect in the appointment or continuance in office of the Council, or such committee or person acting as aforesaid, or that they or any of them were disqualified, be as valid as if every person had been duly appointed or had duly continued in office and was qualified to be a Member of the Council or of such committee.

MINUTES

32. The Council shall cause minutes to be duly entered in books provided for the purpose:

(*a*) Of all appointments of officers.

(*b*) Of the names of the Members of the Council present at each meeting of the Council, and of any committee of the Council.

(*c*) Of all orders made by the Council and committees of the Council.

(*d*) Of all resolutions and proceedings of General Meetings and of meetings of the Council and committees.

33. Any such minutes of any meeting of the Council or of the committees, or of the Association, if purporting to be signed by the chairman of such meeting, or by the chairman of the next succeeding meeting, shall be receivable as *prima facie* evidence of the matters stated in such minutes.

DIRECTOR

34. There shall at all times be a Director or other responsible officer who shall be appointed by the Council and entrusted with the general direction and supervision of the work undertaken by, and who shall have charge of all books, papers and other property belonging to the Association. Such officer is not appointed or empowered to act as a Director or to receive Director's fees within the meaning of the Act.

HONORARY OFFICERS

35. (*a*) The Association may at any Annual General Meeting on the nomination of the Council appoint as Honorary Officers one President, not more than four Vice-Presidents, an Honorary Treasurer, and an Honorary Secretary who shall be *ex-officio* Members of the Council. Two immediate Past-Presidents may also be nominated in accordance with Article 14.

(*b*) The President and Vice-Presidents shall be such persons, whether Members of the Association or not, whose appointment will be advantageous to the interest and objects of the Association. No person shall hold the office of President for more than two years in succession. The period of office of a Vice-President shall be three years and he shall be eligible for immediate re-election for a second term of office.

(*c*) The Honorary Treasurer shall be empowered to examine the financial records of the Association and to report to the Annual General Meeting or to the Council on the financial situation of the Association. He shall be a Member of the Association and shall be chosen from those who are or have been Members of Council. He shall retire each year but shall be eligible for re-election at each Annual General Meeting.

(*d*) The Honorary Secretary shall assist the Director in matters of policy concerning the affairs of the Association, and shall be empowered to examine the records of the Association and to report to the Council on the general position of the Association at any time. He shall be a Member of the Association and shall be chosen from those who are or have been Members of Council. He shall retire each year but shall be eligible for re-election at each Annual General Meeting.

SEAL

36. The Council shall provide for the safe custody of the seal, and the seal shall never be used except by the authority of the Council or a committee thereof previously given, and in the presence of at least two Members of the Council who shall sign every instrument to which the seal is affixed, and every such instrument shall be countersigned by the Director or some other person appointed by the Council.

GENERAL MEETINGS

37. General Meetings of the Association shall be held once in every year at such time (not being more than fifteen months after the last preceding meeting) and place as may be prescribed by the Council. Such General Meetings shall be called Annual General Meetings. All other General Meetings of the Association shall be called Extraordinary Meetings.

38. The Council may, whenever they think fit, convene an Extraordinary Meeting, and Extraordinary Meetings shall also be convened on such requisition as is provided by Section 132 of the Act.

39. Subject to the provisions of Section 141 (2) of the Act relating to Special Resolutions, in the case of an Annual General Meeting twenty-one days' notice, and in the case of any other General Meeting fourteen days' notice to the Members, other than any Members who are not entitled to receive notices from the Association, exclusive of the day when the notice is served or deemed to be served and of the day for which notice is given specifying the place, day and hour of the meeting, and in case of special business the general nature of such business shall be given and notice sent by post or otherwise served as hereinafter provided.

40. With the consent of all the Members entitled to receive notices thereof, or of such less proportion as may be prescribed by the Act, a meeting may be convened by such notice and in such manner as those Members may think fit.

41. The accidental omission to give any such notice to or the non-receipt of any such notice by any of the Members shall not invalidate any resolution passed at any such meeting.

PROCEEDINGS AT GENERAL MEETINGS

42. The business of an Annual General Meeting shall be:

(*a*) To receive and consider the accounts, the balance sheet and the reports of the Council and of the Auditors.

(*b*) To elect Members of the Council and other officers in the place of those retiring by rotation.

(*c*) To provide for the remuneration of the Auditor or Auditors.

(*d*) To transact any other business which under these presents ought to be transacted at an Annual General Meeting.

All other business transacted at an Annual General Meeting and all business transacted at an Extraordinary Meeting shall be deemed special. If any Ordinary Member of the Association has any proposal or any matter which he wishes to make or bring before an Ordinary Meeting he shall give fourteen days' written notice thereof to the Director.

43. Every meeting of the Association shall be presided over by the Chairman, or Vice-Chairman, of the Council, and in their absence the meeting shall elect a chairman from the Members of the Council then present or, if none be present, from the Members of the Association.

44. For all purposes the quorum of a General Meeting shall be twenty-five Ordinary Members of the Association present.

45. No business shall be transacted at any General Meeting unless the quorum requisite shall be present at the start of the business.

46. If within half an hour from the time appointed for the meeting a quorum is not present the meeting, if convened upon such requisition as aforesaid, shall be dissolved, but in any other case it shall stand adjourned to the same day in the next week at the same time and place, and if at such adjourned meeting a quorum is not present those Ordinary Members who are present shall be a quorum and may transact the business for which the meeting was called.

47. Every question submitted to a meeting shall be decided in the first instance by a show of hands, and in the case of an equality of votes the Chairman shall, both on a show of hands and at a poll, have a casting vote in addition to that to which he may be entitled as an Ordinary Member. Every Ordinary Member shall have one vote and no more and no other Member shall be entitled to vote. A corporate Ordinary Member may vote as provided by Section 139 of the Act.

48. At any General Meeting, unless a poll is demanded by the chairman or by five Members entitled to vote, or by such number of Members as may be authorised by the Act to demand a poll, a declaration by the chairman that a resolution has been carried, or carried by a particular majority, or lost, or not carried by a particular majority, and any entry to that effect in the book of proceedings of the Association shall be conclusive evidence of the fact without proof of the number or proportion of the votes recorded in favour of or against such resolution.

49. If a poll is demanded as aforesaid it shall be taken in such manner, including if necessary by postal ballot, and at such time within twenty-eight days and at such place as the chairman of the meeting directs, and either at once or after an interval or adjournment or otherwise, and the result of the poll shall be deemed to be the resolution of the meeting at which the poll was demanded. The demand for a poll may be withdrawn.

50. On a poll votes may be given either personally or by proxy. A proxy shall be appointed in writing under the hand of the appointer, or of his attorney, or if such appointer is a corporate body, under the signature of a Director or other officer thereof. Any instrument appointing a proxy may be printed or in writing, or partly printed and partly in writing, and duly stamped and shall be as nearly as may be in the following form:

ASLIB

I, , of ,

being a Member of the above-named Association, hereby appoint

. , of ,

whom failing, , of ,

as my proxy to vote for me and on my behalf at the Annual General or Extraordinary General Meeting of the Association to be held on the day of , 19 , and at any adjournment thereof.

Signed by the said this day of , 19 ,

in the presence of ;

or in such other form as the Council may approve or the Companies Act permit or require.

51. The instrument appointing a proxy shall be deposited at the office not less than twenty-four hours before the time of holding the meeting at which he proposes to vote. A proxy need not be a Member of the Association.

52. The chairman of a General Meeting may with the consent of the meeting adjourn the same from time to time and from place to place, but no business shall be transacted at any adjourned meeting other than the business left unfinished at the meeting from which the adjournment took place.

53. Any poll demanded on the election of a chairman of a meeting or on any question of adjournment shall be taken at the meeting and without adjournment.

54. The demand for a poll shall not prevent the continuance of a meeting for the transaction of any business other than the question on which a poll has been demanded.

ACCOUNTS

55. The Council shall cause to be kept proper books of accounts with respect to (*a*) all sums of money received and expended by the Association, and the matters in respect of which the receipt and expenditure takes place, (*b*) all sales and purchases of goods by the Association, and (*c*) the assets and liabilities of the Association.

56. The books of account shall be kept at the office or at such other place or places as the Council think fit, and shall at all times be open to inspection by Members of the Council.

57. The Council may from time to time determine at what times and places, and under what conditions or regulations, the accounts and books of the Association, or any of them, shall be open to the inspection of the Members.

58. At the Annual General Meeting in every year the Council shall lay before the Association an income and expenditure account showing the receipts and expenditure of the Association for the period since the preceding account made up to a date not more than six months before such meeting, together with a balance sheet made up as at the same date.

59. Every such balance sheet shall be accompanied by a proper Report from the Council upon the general state of the Association and by a Report from the Auditors.

60. A printed copy of such income and expenditure account, balance sheet, and reports shall, not less than twenty-one clear days previous to such meeting, be served on every Member of the Association in the manner in which notices are hereinafter directed to be served, and a copy shall also be sent to the Department.

AUDIT

61. Once at least in every year the accounts of the Association shall be examined and the correctness of the income and expenditure account and of the balance sheet ascertained by one or more properly qualified Auditor or Auditors.

62. Auditors shall be appointed and their duties regulated in accordance with Sections 159, 160, 161 and 162 of the Act, or any statutory modification, extension or re-enactment thereof for the time being in force.

63. The balance sheet shall be signed on behalf of the Council by the Honorary Treasurer and the Director and by two other Members of the Council and the Auditors' Report shall be attached to the balance sheet, and the Report shall be read before the Association in General Meeting and shall be open to inspection by any Member.

NOTICES

64. A notice may be served by the Association upon any Member either personally or by sending it through the post in a prepaid envelope or wrapper addressed to such Member at his registered place of address.

65. Each Member shall from time to time notify to the Association an address which shall be deemed his registered place of address within the meaning of the last preceding clause. If he shall not have named such an address he shall not be entitled to any notices.

66. Any notice sent by post to an address within the United Kingdom shall be deemed to have been served on the day following that on which the envelope or wrapper containing the same was posted, and in proving such service it shall be sufficient to prove

that the envelope or wrapper containing the notice was properly addressed, prepaid and posted. A certificate in writing signed by the Director or other officer of the Association that the envelope or wrapper containing the notice was so addressed, prepaid and posted shall be sufficient evidence thereof.

67. The signature to any notice given by the Association may be written, printed, typewritten, lithographed, photographed or reproduced in any other way.

68. Every notice or application to the Council or the Director or the Association, except where otherwise specifically provided, shall be sufficient if the same be signed by the person or persons giving or making the same, and be given to the Director or be left at the office addressed to him between the hours of ten in the forenoon and four in the afternoon of any working day excepting Saturday, or be forwarded to him at such office by post prepaid, and every person giving or making such notice or application shall be entitled to require an acknowledgment by the Director of the receipt of such notice or application.

INDEMNITY

69. Subject to the provisions of Section 205 of the Act, every Member of the Council, Director and other officer or servant of the Association shall be indemnified by the Association against, and it shall be the duty of the Members of the Council out of the monies of the Association to pay all costs, losses and expenses, including travelling expenses, which any such officer or servant may reasonably incur or become liable to by reason of any contract entered into or act or thing done by him as such officer or servant or in any way in the discharge of his duties.

ARBITRATION

70. If and whenever any difference shall arise between the Association and any of the Members or their respective representatives touching the construction of any of the Articles herein contained, or any act, matter, or thing made or done, or to be made or done or omitted, or in regard to the rights and liabilities arising hereunder or arising out of them, such difference shall be forthwith referred to two Arbitrators—one to be appointed by each party in difference—or to an Umpire to be chosen by the Arbitrators before entering on the consideration of the matters referred to them, and every such reference shall be conducted in accordance with the provisions of the Arbitration Act 1950.

WINDING UP

71. The provision of Clause 9 of the Memorandum of Association relating to the winding up and dissolution of the Association shall apply and have effect as if the same were repeated in these presents.

NAMES, ADDRESSES AND DESCRIPTIONS OF SUBSCRIBERS

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ARCHIBALD ERNEST CUMMINS,
Librarian,
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Burlington House, W.1.

Dated this 7th day of April 1949.

Witness to the above signatures:

ROBERT ARTHUR FAIRTHORNE,
Principal Scientific Officer,
Royal Aircraft Establishment,
Farnborough, Hants.

DONALD JAMES URQUHART,
Principal Scientific Officer,
Department of Scientific and Industrial Research,
4–12 Lower Regent Street, S.W.1.

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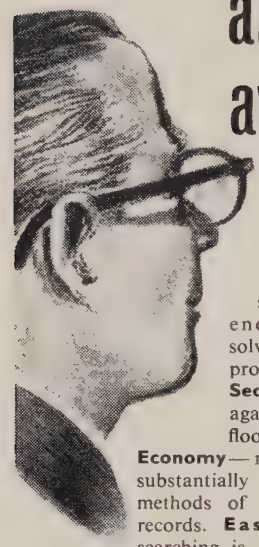

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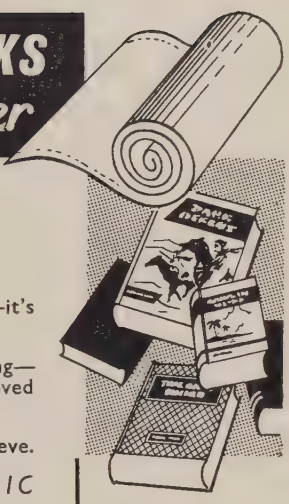

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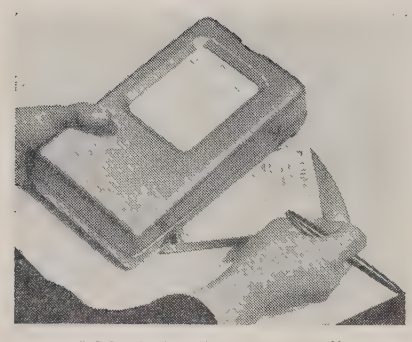

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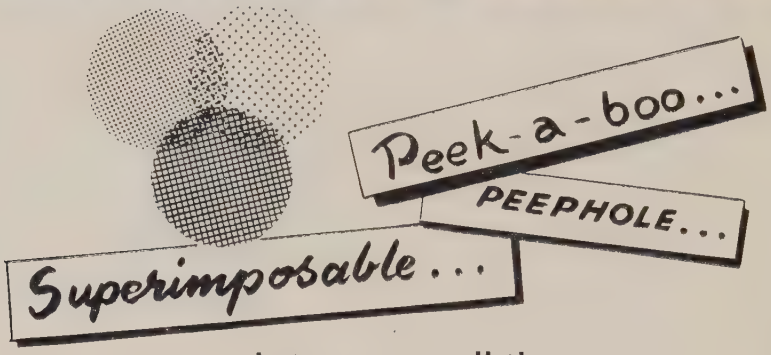

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